



Measuring Health Care Quality and Cost in Massachusetts

November 2009



Deval L. Patrick, Governor
Commonwealth of Massachusetts
Timothy P. Murray
Lieutenant Governor

JudyAnn Bigby, Secretary
Executive Office of Health and Human Services
Sarah Iselin, Commissioner
Division of Health Care Finance and Policy

Preface

Pursuant to Section 16K of Chapter 58 of the Acts of 2006, the Health Care Quality and Cost Council was established in large part to monitor the Commonwealth's health care system and disseminate cost and quality information to consumers. Using data collected for the Council's consumer-friendly website (<http://www.mass.gov/myhealthcareoptions>), the Patrick Administration has prepared the following technical analysis to assist policymakers and industry experts in understanding variations in care delivery.

The enclosed report, *Measuring Health Care Quality and Cost in Massachusetts*, is the first annual publication developed by the Division of Health Care Finance and Policy on behalf of the Council. The report provides a comparative view of hospitals based on performance measurements adopted by the Council for use on its website. Section 1 of the report examines the quality and the cost of care by procedure or condition; section 2 provides a summary of quality and cost information for each hospital. However, data for comparing both the cost and quality of a given service remains limitedly available.

This report shows significant variations in hospital performance on select measures, especially in the rates of stroke mortality and costs of certain diagnostic testing. As you know, transparency helps to initiate professional competition and reduce deviations in the cost and quality of care in Massachusetts.

Looking ahead, next year's report will include new quality measurements, including serious reportable events, hospital acquired infections and surgical care infections, as well as new cost measurements, including episodic costs associated with well baby and diabetes care. The addition of these and other measures in the future will help refine our understanding of the underlying causes of variations in the health care system and guide both policymakers and providers in establishing an effective and cost-efficient health care system.

Sincerely,



JudyAnn Bigby, M.D.

Secretary

Executive Office of Health and Human Services

Executive Summary

This is the first comprehensive report issued by the Division of Health Care Finance and Policy (DHCFP) on the cost and quality of hospitals in the Commonwealth. It displays 38 cost measures and 33 quality measures that are available on the Health Care Quality and Cost Council's consumer-friendly website, www.mass.gov/MyHealthCareOptions, as of October 2009.

The purpose of the report is to present the Council's website information in two ways: a side-by-side comparison of all hospitals on each measure and a one-page profile for each hospital on all the measures. It is tailored to the needs of policy makers and hospital managers.

One of the contributions of publicly reporting providers' performance on quality and cost measures is to put a spotlight on variation among providers that can lead to professional and competitive pressures to improve care. Examples of hospital variation in this report include:

- The risk-adjusted mortality rate for stroke ranges from a low of no deaths per 100 discharges at one hospital to a high of 18.5 deaths per 100 discharges at another hospital
- The (median) hospital cost of imaging for:
 - A CT scan of the chest with contrast ranges from \$350 at one hospital to \$1,300 at another
 - A mammogram ranges from \$75 at one hospital to \$250 at another
 - An MRI of the lumbar spine ranges from \$500 at one hospital to \$1,670 at another

For some measures, the variation is small and the performance is uniformly high. For example:

- Overall, Massachusetts hospitals provided recommended care 97% of the time for heart attack patients. Over three-quarters of Massachusetts hospitals provided 95% of the recommended care for each patient.

The quality measures included were drawn from several sources including:

- The Leapfrog Group
- CMS Hospital Compare Patient Experience Survey
- CMS Hospital Compare Hospital Process of Care Measures
- AHRQ Inpatient Quality Indicators
- Massachusetts Data Analysis Center

The cost measures included are based on claims paid for most privately insured Massachusetts residents between July 2006 and June 2007. The cost data represent the actual amounts that health plans paid hospitals and do not include physician fees for hospital services.

There are some important limitations to the data. The claims data included services paid for Massachusetts residents under age 65 who were enrolled in fully insured commercial coverage under one of six major insurance carriers. In addition, self insured data were provided by one major carrier. Most of the quality data are for all ages, yet the conditions and procedures are much more prevalent for those over age 65. There are eight conditions for which there are both cost and quality data. However, most of the cost measures are for procedures, such as imaging, for which quality measures are unavailable. Data are included only if there were adequate sample sizes; hospitals with smaller volumes may have fewer measures reported.

Going forward, new quality hospital measures will be added to the website in 2010, including serious reportable events, hospital acquired infections, and surgical care infection preventions. Ambulatory (HEDIS) measures and patient experience measures will also be added. Other measures will be considered for public reporting, including potentially preventable readmissions and hospital mortality. Cost measure improvements will include the addition of professional fees for hospital-based services and calculation of the episode cost of well baby and diabetes care.

A glossary listing the measures and a detailed description of methods used are in the appendix of the report.

Table of Contents

Preface	i
Executive Summary	ii
About this Report	1
Section 1A: Quality Measures by Procedure or Condition	2
Section 1B: Cost by Procedure or Condition	27
Section 2: Summary of Quality and Cost Information by Hospital	134
Appendix A: Summary of Cost Analysis Calculations	210
Appendix B: Source Table for Quality Measures	213
Appendix C: Source Table for Cost Measures	215
Appendix D: Detailed Measure Names	217
Appendix E: Glossary	218

About this Report

Measuring Health Care Quality and Cost in Massachusetts is a report developed by the Massachusetts Division of Health Care Finance and Policy (DHCFP) on behalf of the Massachusetts Health Care Quality and Cost Council (the Council). This initial report contains the quality and cost measures displayed on the Council's consumer-friendly website, "MyHealthCareOptions." The purpose of the report is to provide a comprehensive look at the breadth and range of information available on hospital-based services based on the Council's analytic requirements.

The first section of this report includes a chart for each cost or quality measure and displays the information for all reporting hospitals. The second section of this report contains hospital-specific tables showing all measures reported for that provider.

Data for quality measures were drawn from several sources and were updated on the "MyHealthCareOptions" website in May 2009. These measures were drawn from the source datasets as of the following dates:

- The Leapfrog Group as of January 2009
- Centers for Medicare and Medicaid (CMS), United States Department of Health and Human Services, Hospital Compare Patient Experience Survey as of January 2009
- Centers for Medicare and Medicaid (CMS), United States Department of Health and Human Services, Hospital Compare Patient Safety Scores as of January 2009
- Massachusetts Data Analysis Center (Mass-DAC) for hospital fiscal year 2007
- Agency for Healthcare Research and Quality (AHRQ), United States Department of Health and Human Services, Patient Safety Scores as calculated by DHCFP for hospital fiscal year 2007

The next update for the quality measures is expected to be released in the fourth quarter of 2009.

The cost measures contained in this document were first reported during the initial website launch and will be updated in winter 2010. The reporting period for the claims data was July 2006 through June 2007. The measures were calculated from an extract of the Council's dataset built from claims submitted by six carriers. The analyzed claims were limited to Massachusetts residents under age 65 with commercial insurance coverage. The cost measures represent the hospital charges only and exclude physician payments.

A glossary listing the measures is at the end of this document.

Section 1A: Quality Measures by Procedure or Condition

The Council reported quality measures that were created by established organizations and are widely used. Standardized measures of mortality are from the Agency for Healthcare Research and Quality (AHRQ). “Process of care” measures (such as whether patients are receiving all needed care for their condition) are from the Centers for Medicare and Medicaid Services (CMS). The National Quality Forum (NQF) endorses measures of quality, safety, and efficiency of care, while The Leapfrog Group provides hospital data on quality of care, resource use, and efficiency.

Interpreting Quality Ratings

Quality measures examine different aspects of hospital operations and patient care.

For the Leapfrog-recommended quality scores provided in this section (see pages 4-26), the following definitions apply to hospitals that fully meet recommended standards:

- Quality of Care – the hospital meets or exceeds volume thresholds, has lower than average risk-adjusted mortality, and/or adhere to quality processes;
- Resource Use – the hospital places in the best quartile, as measured by severity-adjusted average length of stay, further adjusted by the readmission date;
- Efficiency – the hospital places in the best performance group for quality of care and is below the national median for resource use.

Leapfrog ratings for hospital performance are provided in Section 2: Summary of Quality and Cost Information by Hospital (see pages 135-209). Leapfrog rates hospital performance on a four-point scale. This scale has been translated into stars as follows:

Did not report:	No stars	
Willing to report publicly:	One star	☆
Good early stage effort:	Two stars	☆☆
Good progress:	Three stars	☆☆☆
Fully implemented:	Four stars	☆☆☆☆

Section 2 also includes Leapfrog ratings for some procedures and conditions (see pages 135-209). A one-star quality rating (+) means the hospital is in the bottom 15%. In other words, the hospital’s quality rating is worse than 85% of all hospitals in the state. Two-star hospitals (++) have a quality rating that is below average, but not in the bottom 15%. Their rate is above 15%, but below 50% of all hospitals in the state. Three-star hospitals (+++) perform better than average, but are not in

the top 15%. Their rate is above 50% but below the top 15% of all hospitals in the state. Four-star hospitals (++++) have a rate in the top 15%. Their rate is better than 85% of all hospitals in the state.

Quality data may not appear for one or more of the following reasons:

- No quality measure is available for this condition or procedure
- Insufficient data reported by the hospital
- Insufficient variation to reliably differentiate among hospitals

Condition-Specific Quality Graphs

Quality scores in this section (see pages 4-26) are based on the Council's analysis of publicly reported measures.

Hospitals not listed on this chart did not meet the reporting agency's criteria. A hospital may not report data for one or more reasons, including: the procedure is not performed at the facility, volume is too low to measure accurately, the hospital does not participate in the measurement program, or the hospital declined to report the information.

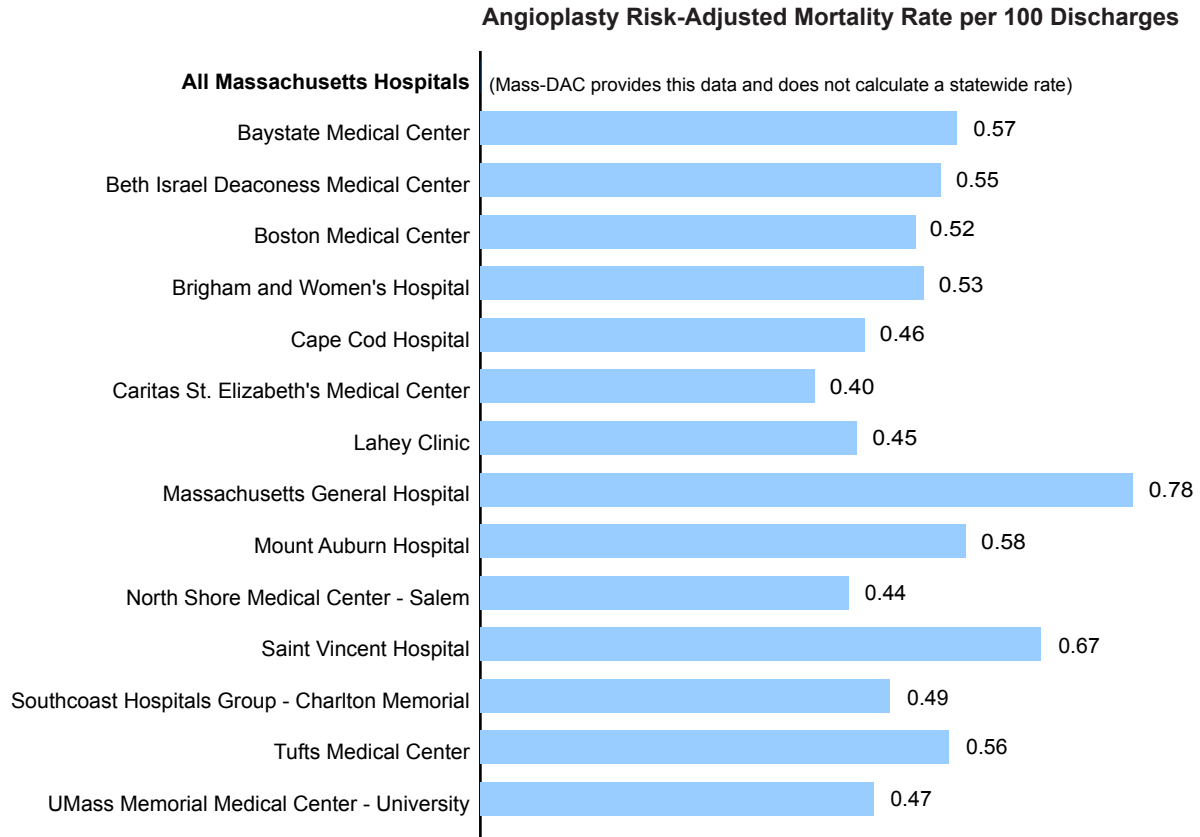
Conditions may fall into one of two groups: process measures or outcome measures.

Process measures indicate how often hospitals give recommended treatments known to get the best results for patients with certain common medical conditions or surgical procedures. For example, if a hospital has a quality score of 98% for heart attack care, it means that the hospital provided the recommended treatment to heart attack patients 98% of the time.

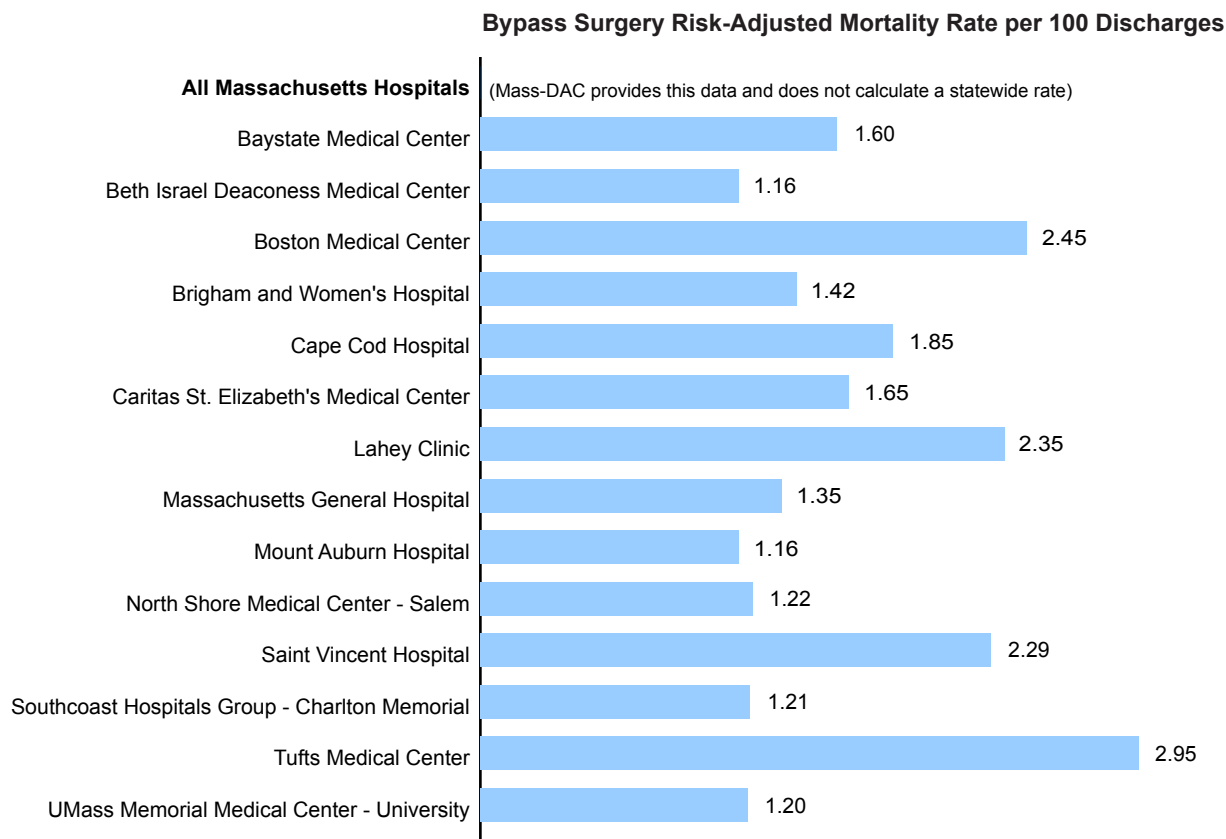
Outcome measures included in this report are for deaths in patients admitted for two conditions (stroke, hip fracture) and three surgical procedures (coronary artery bypass graft (CABG), angioplasty, and hip replacement). The rate is calculated for deaths that occur while the patient is in the hospital for all measures except for CABG, which is a 30 days following the hospital stay. The measures and data for the heart surgery measures are from the Massachusetts Data Analysis Center. The other measures are from the Agency for Healthcare Research and Quality. The severity of the patient's illness is taken into consideration in the calculation of the rates.

For information on sources and time periods for quality measures, see Appendix B.

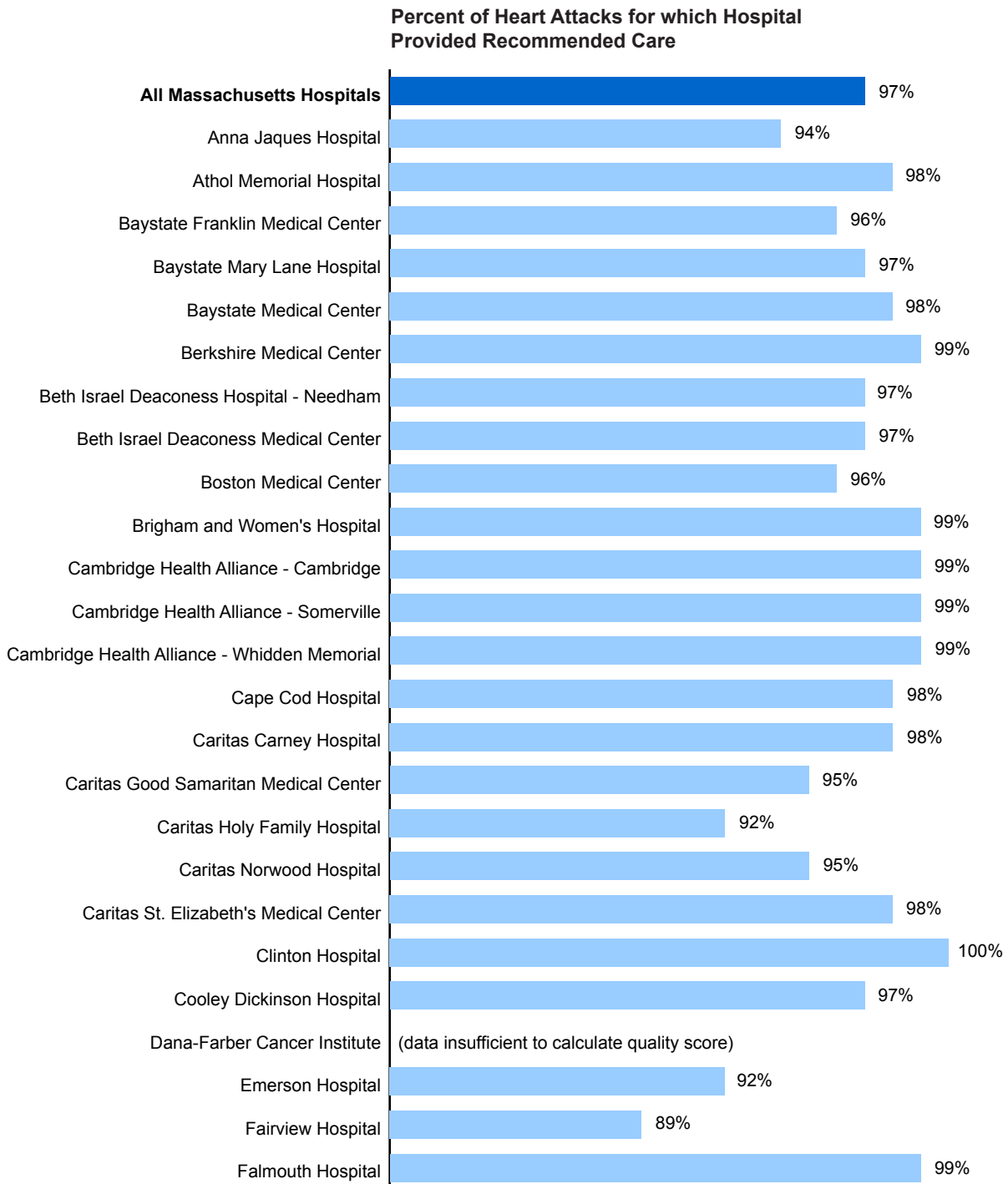
Angioplasty by Hospital



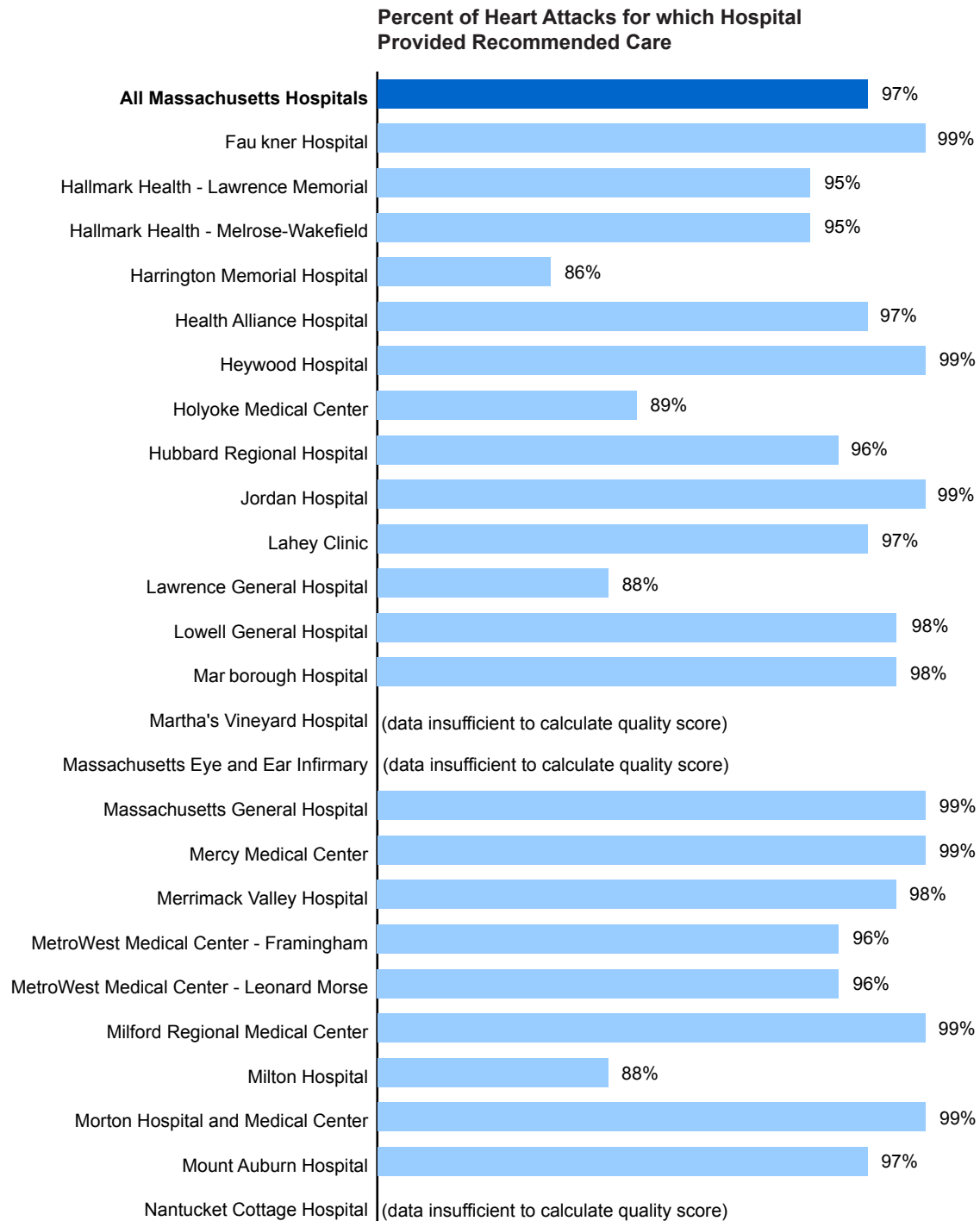
Bypass Surgery by Hospital



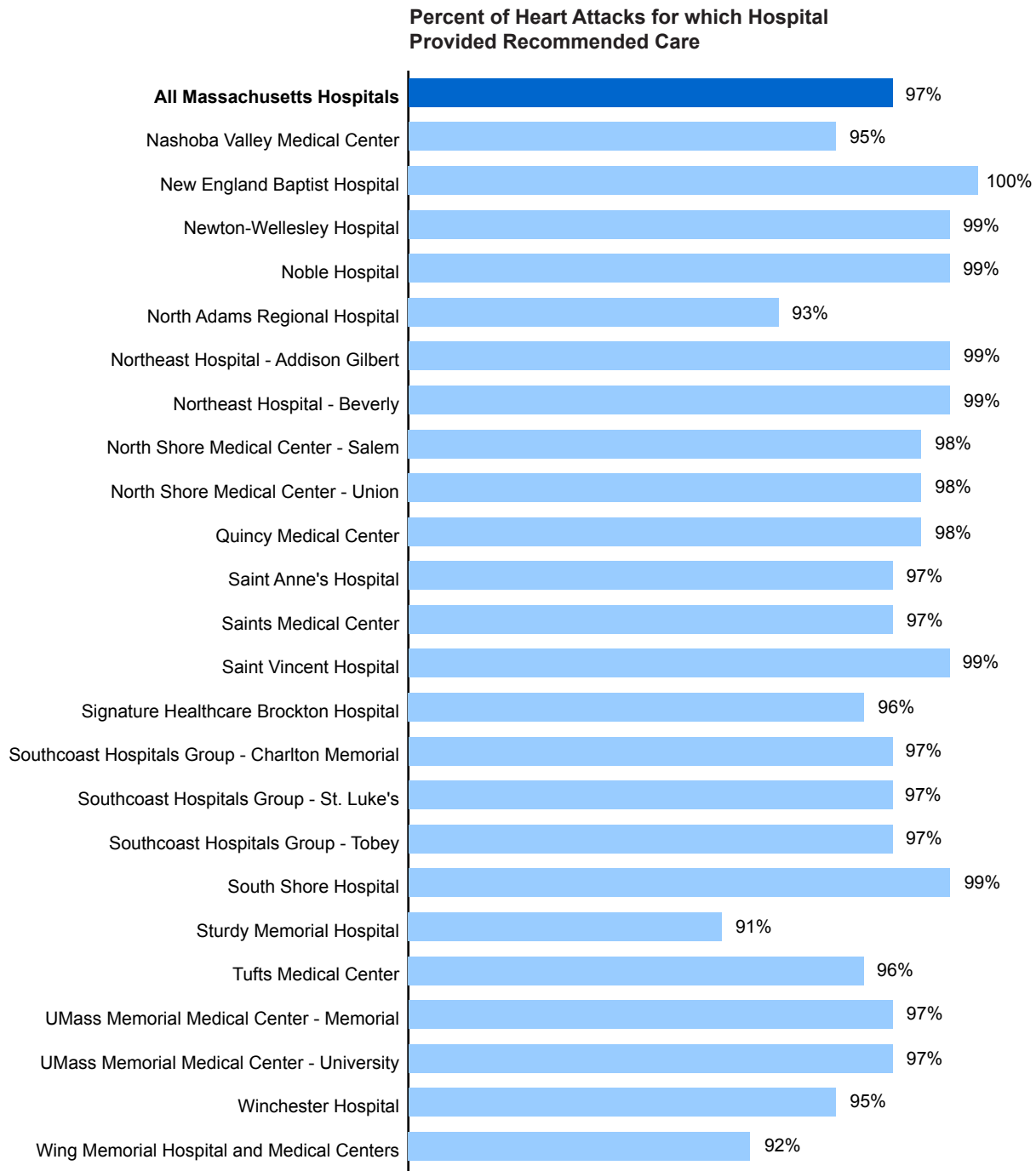
Heart Attack Care by Hospital



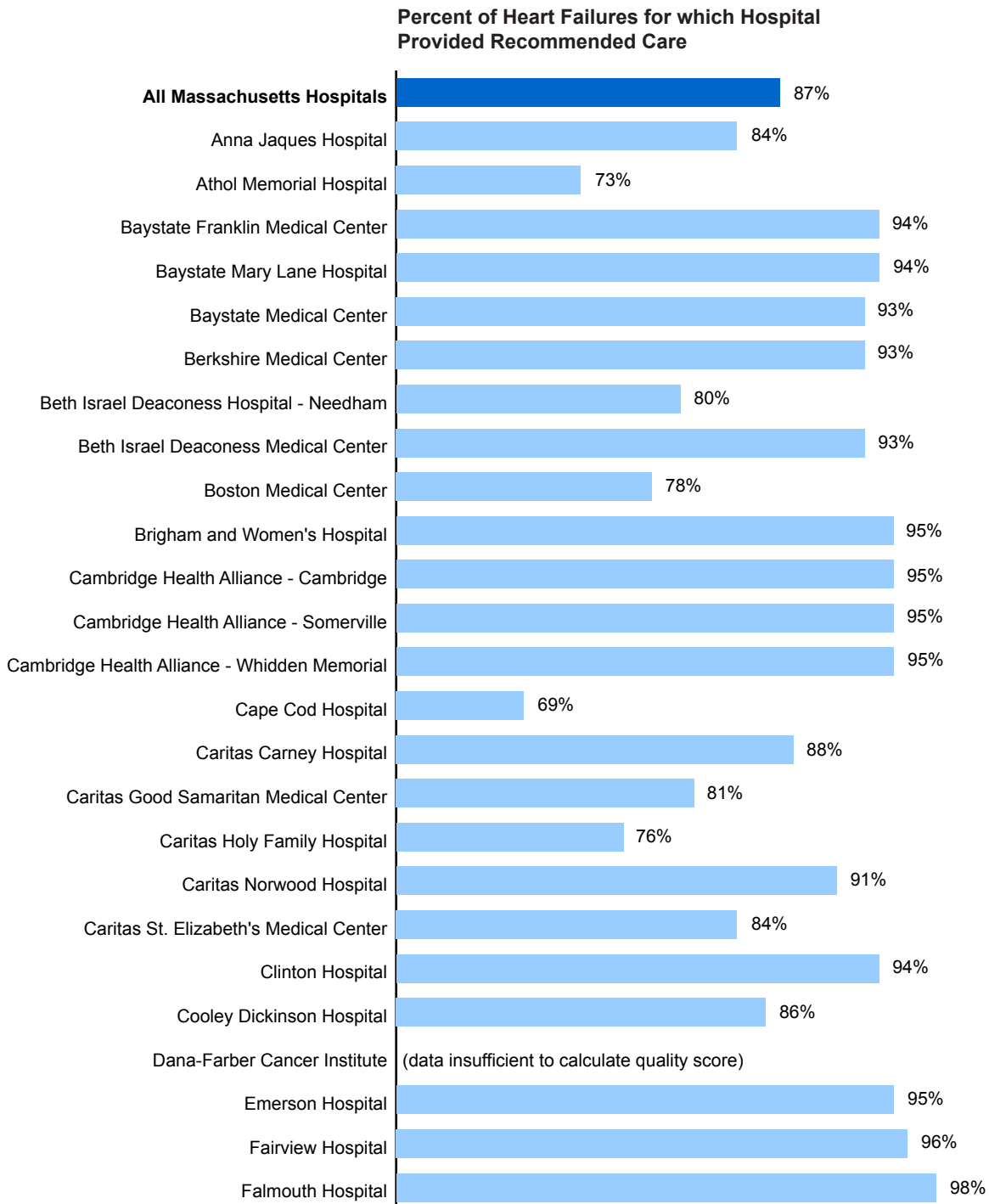
Heart Attack Care by Hospital



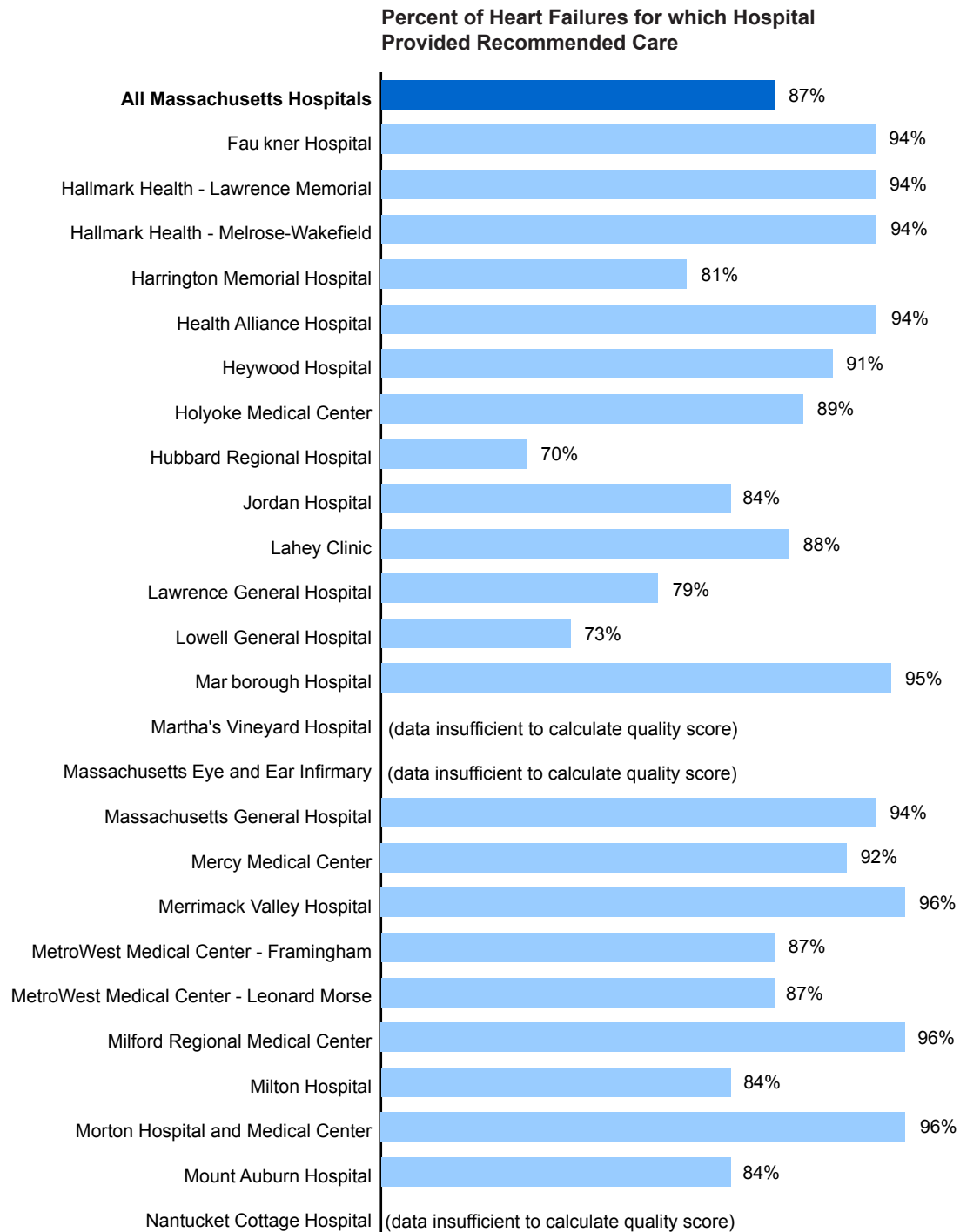
Heart Attack Care by Hospital



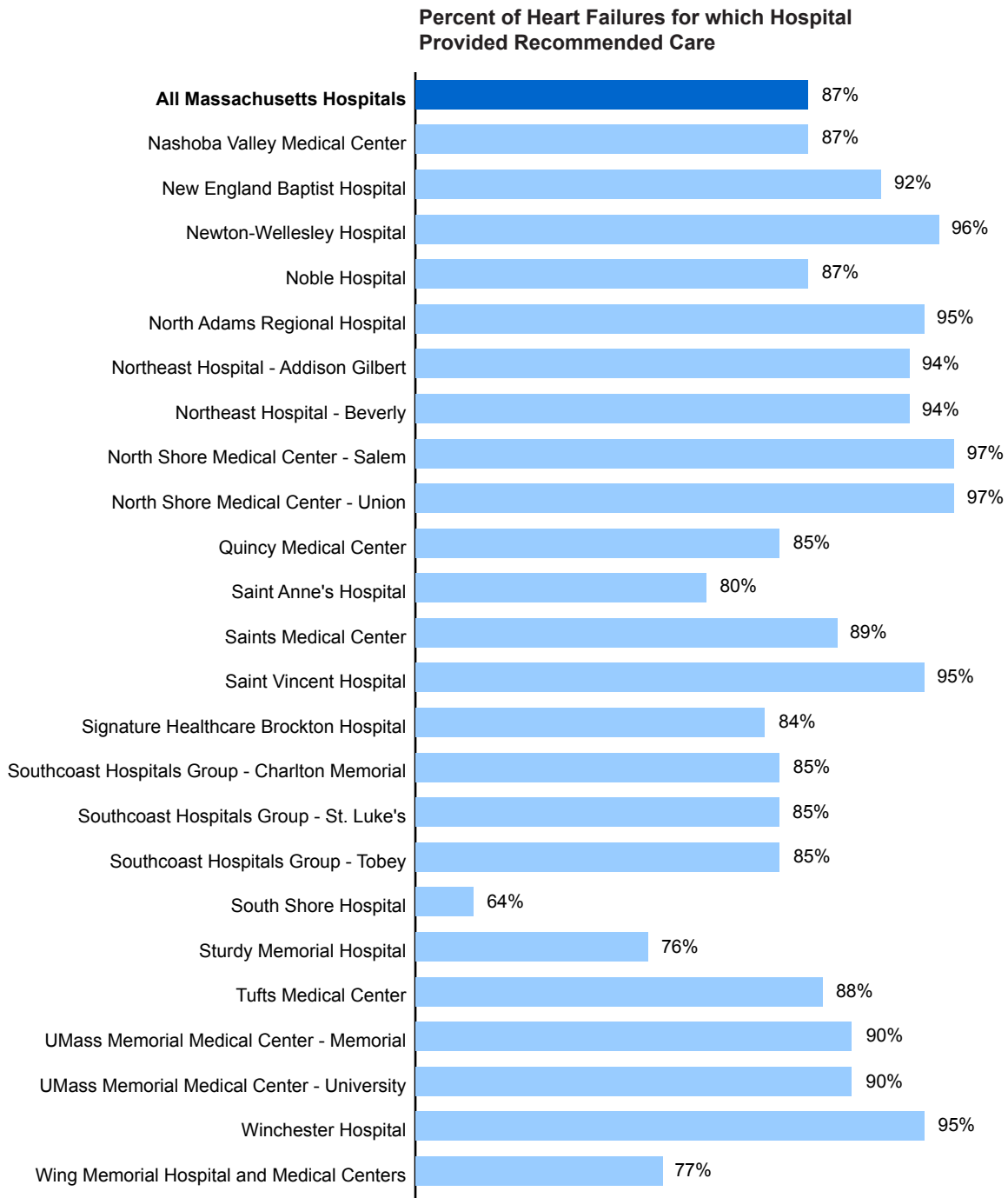
Heart Failure Care by Hospital



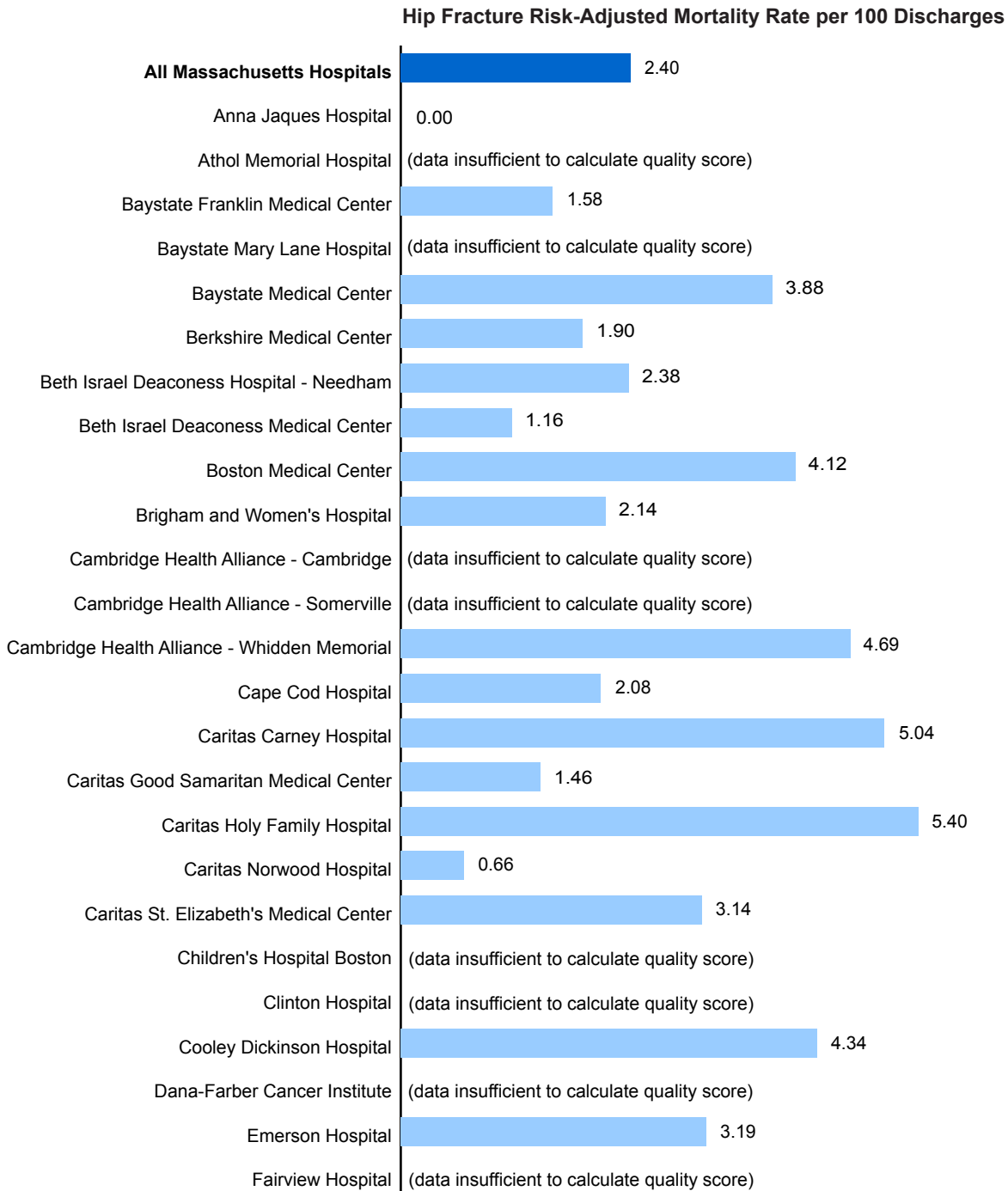
Heart Failure Care by Hospital



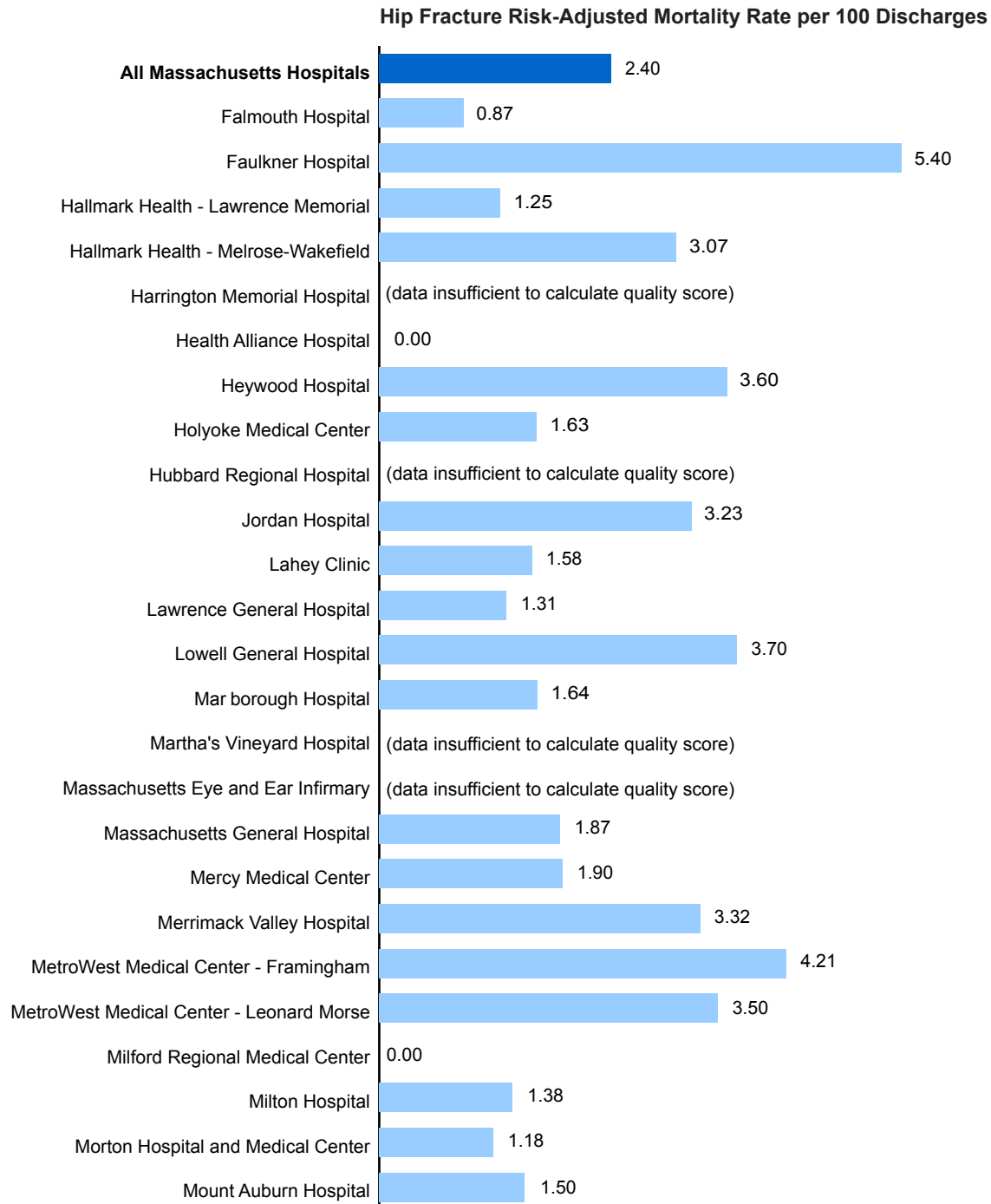
Heart Failure Care by Hospital



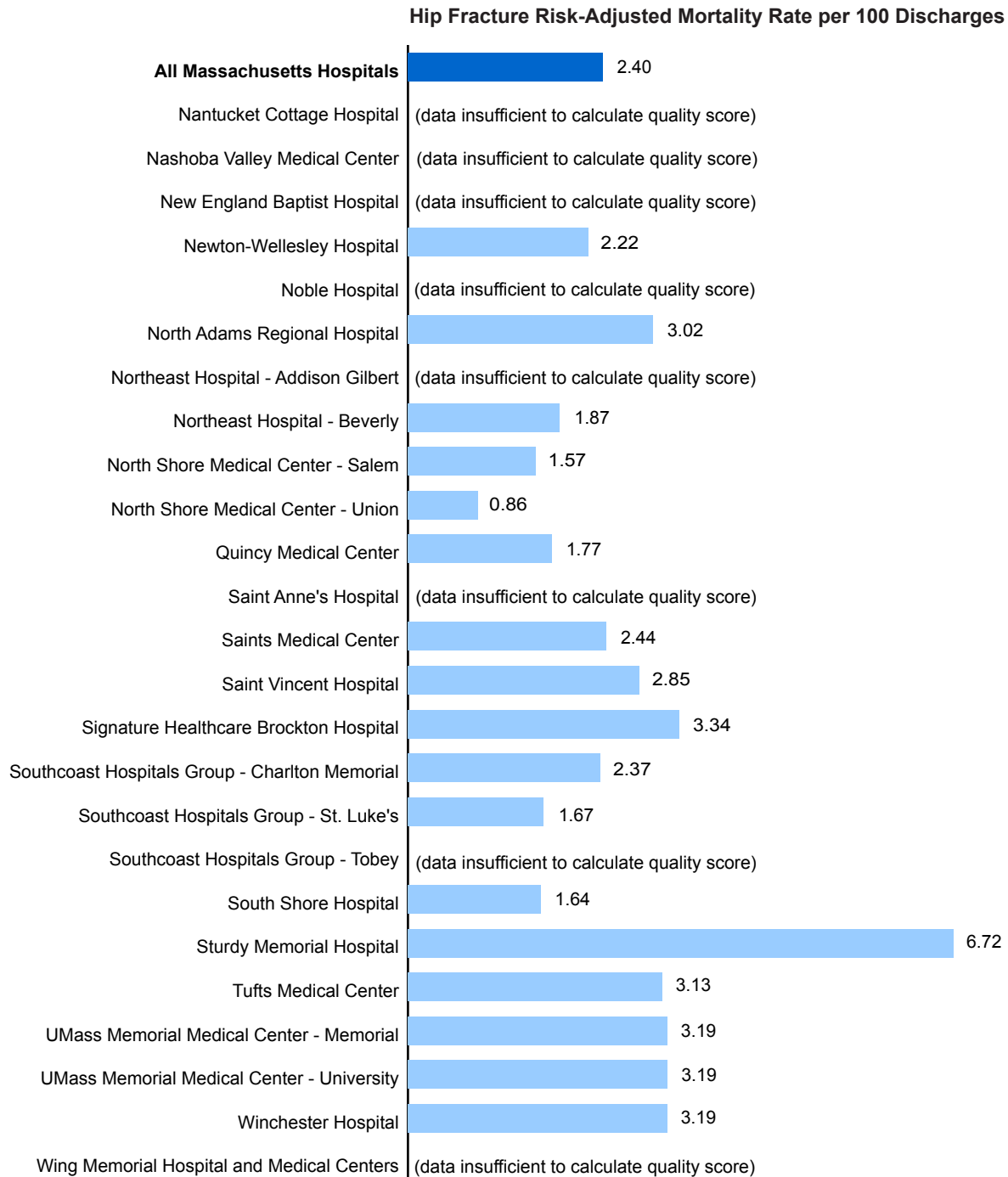
Hip Fracture by Hospital



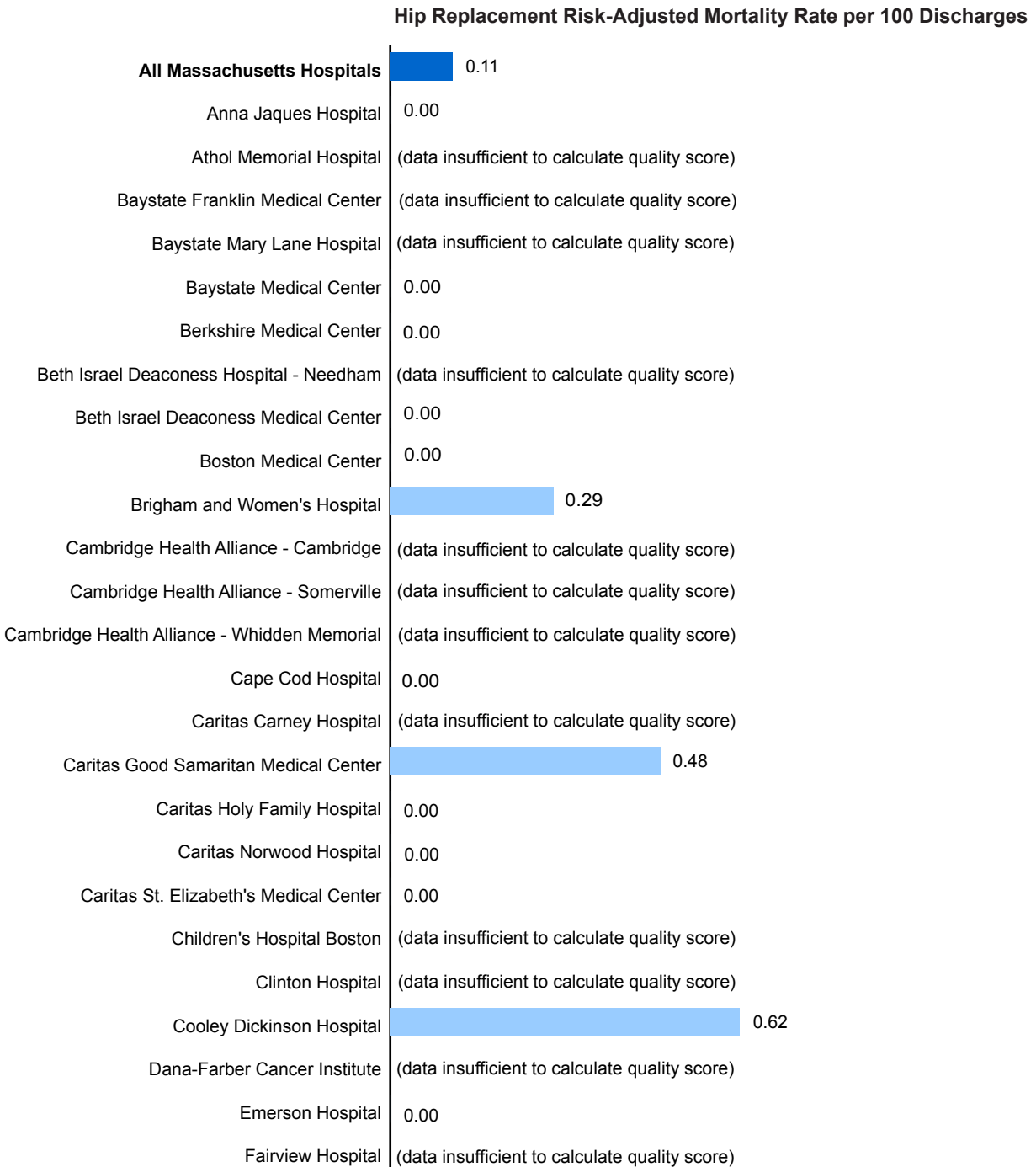
Hip Fracture by Hospital



Hip Fracture by Hospital



Hip Replacement by Hospital



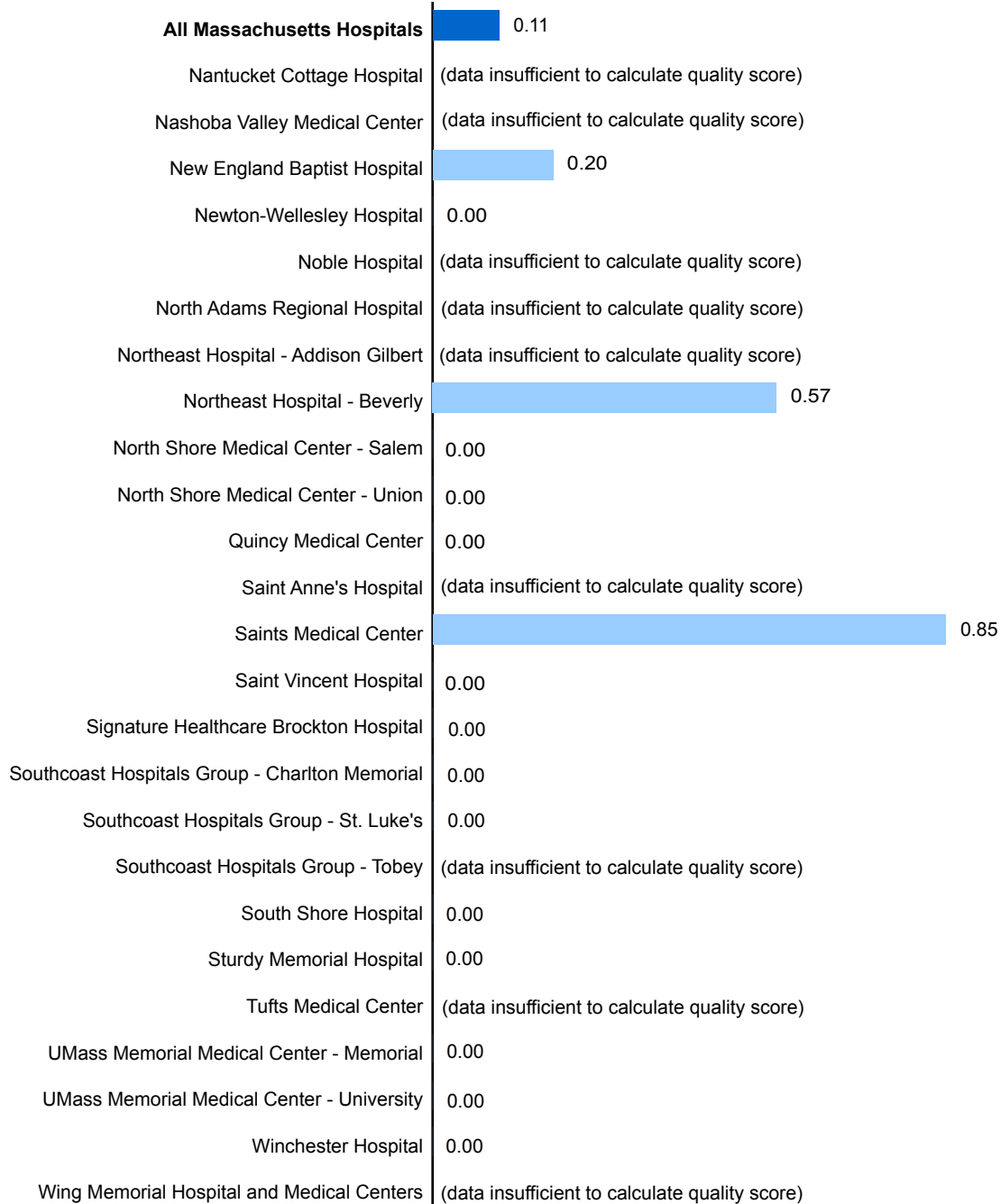
Hip Replacement by Hospital

Hip Replacement Risk-Adjusted Mortality Rate per 100 Discharges

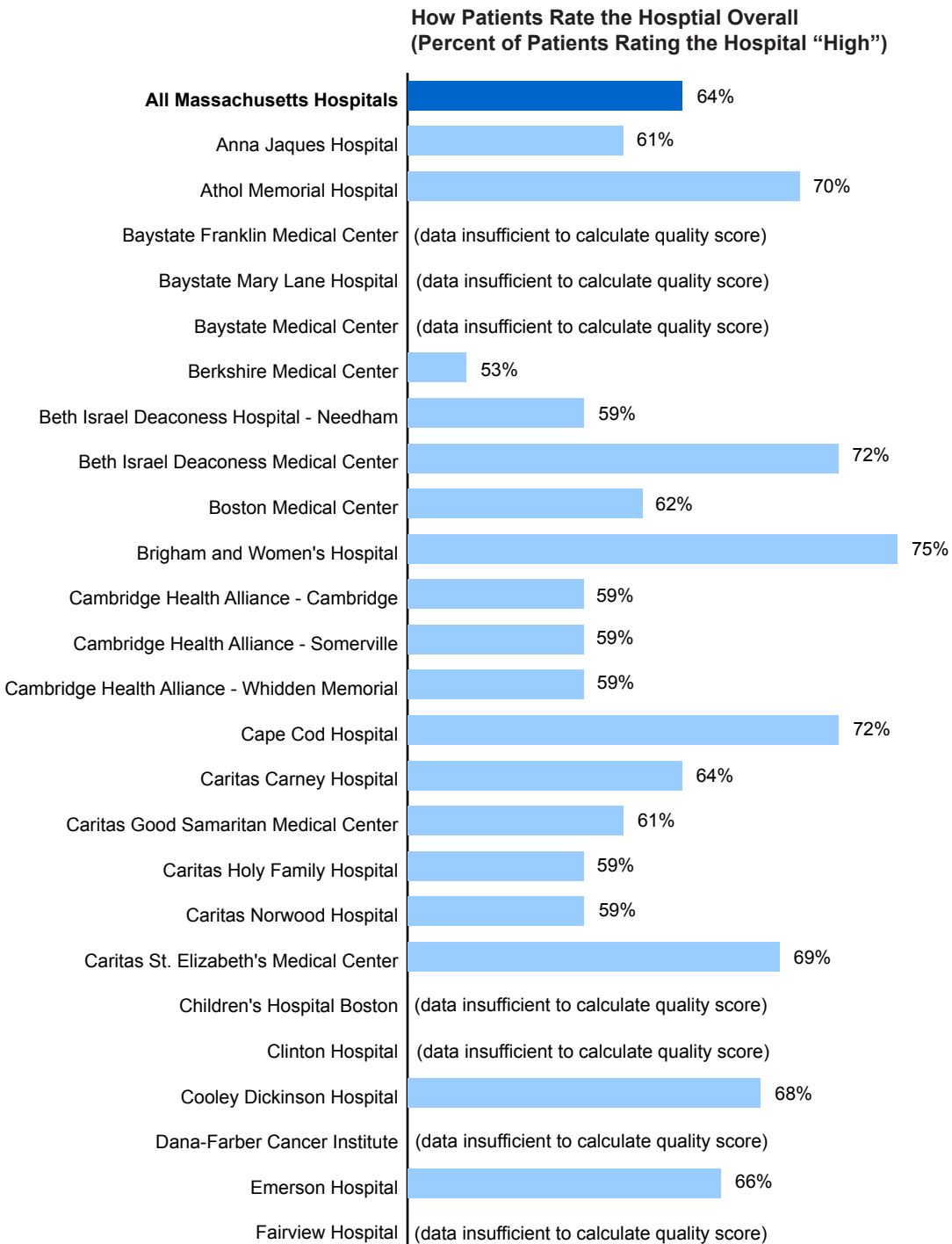
All Massachusetts Hospitals	0.11
Falmouth Hospital	0.00
Faulkner Hospital	0.00
Hallmark Health - Lawrence Memorial	(data insufficient to calculate quality score)
Hallmark Health - Melrose-Wakefield	0.00
Harrington Memorial Hospital	(data insufficient to calculate quality score)
Health Alliance Hospital	0.00
Heywood Hospital	0.00
Holyoke Medical Center	(data insufficient to calculate quality score)
Hubbard Regional Hospital	(data insufficient to calculate quality score)
Jordan Hospital	0.00
Lahey Clinic	0.00
Lawrence General Hospital	(data insufficient to calculate quality score)
Lowell General Hospital	0.00
Mar borough Hospital	0.00
Martha's Vineyard Hospital	(data insufficient to calculate quality score)
Massachusetts Eye and Ear Infirmary	(data insufficient to calculate quality score)
Massachusetts General Hospital	0.00
Mercy Medical Center	0.00
Merrimack Valley Hospital	(data insufficient to calculate quality score)
MetroWest Medical Center - Framingham	(data insufficient to calculate quality score)
MetroWest Medical Center - Leonard Morse	(data insufficient to calculate quality score)
Milford Regional Medical Center	0.00
Milton Hospital	0.00
Morton Hospital and Medical Center	0.00
Mount Auburn Hospital	0.00

Hip Replacement by Hospital

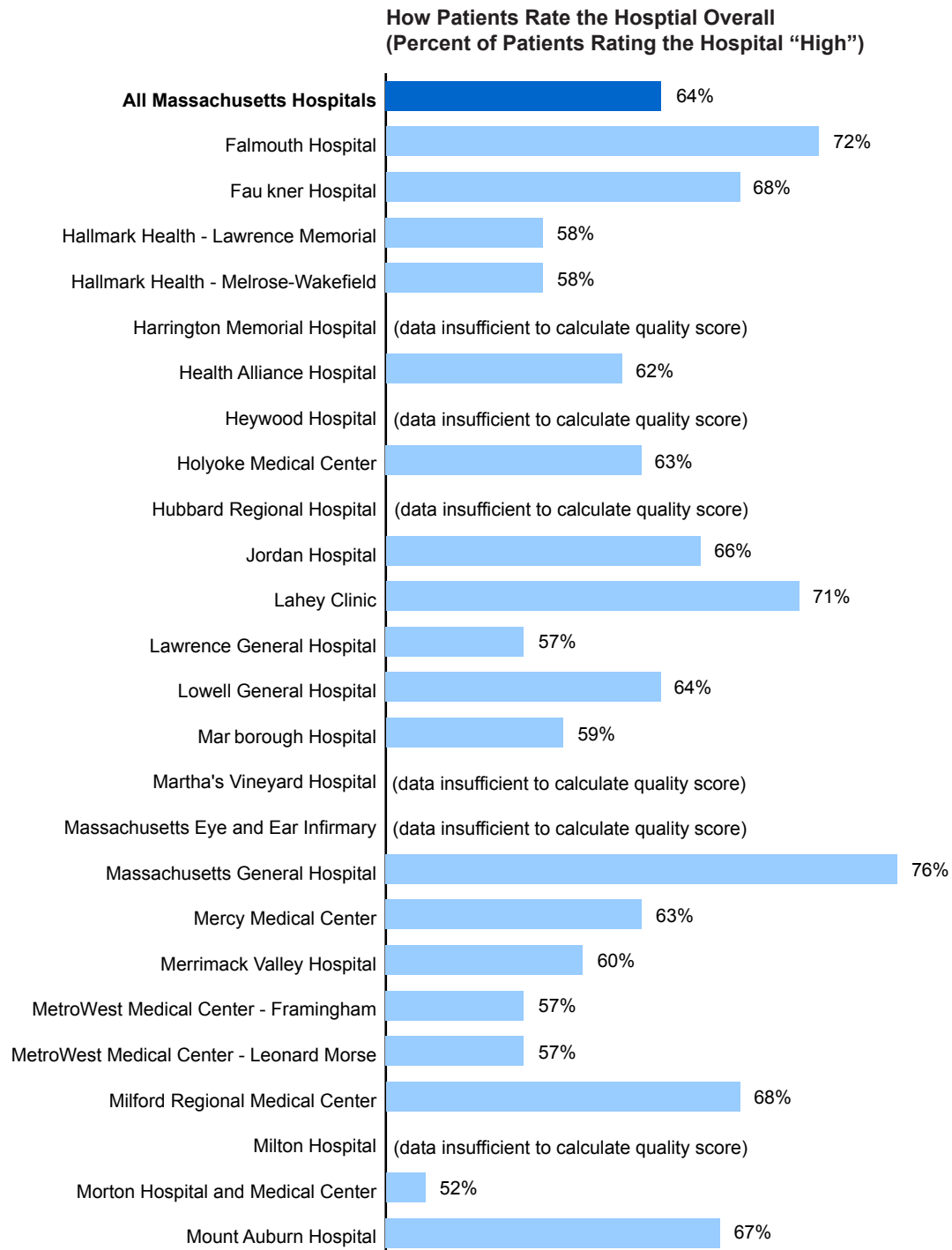
Hip Replacement Risk-Adjusted Mortality Rate per 100 Discharges



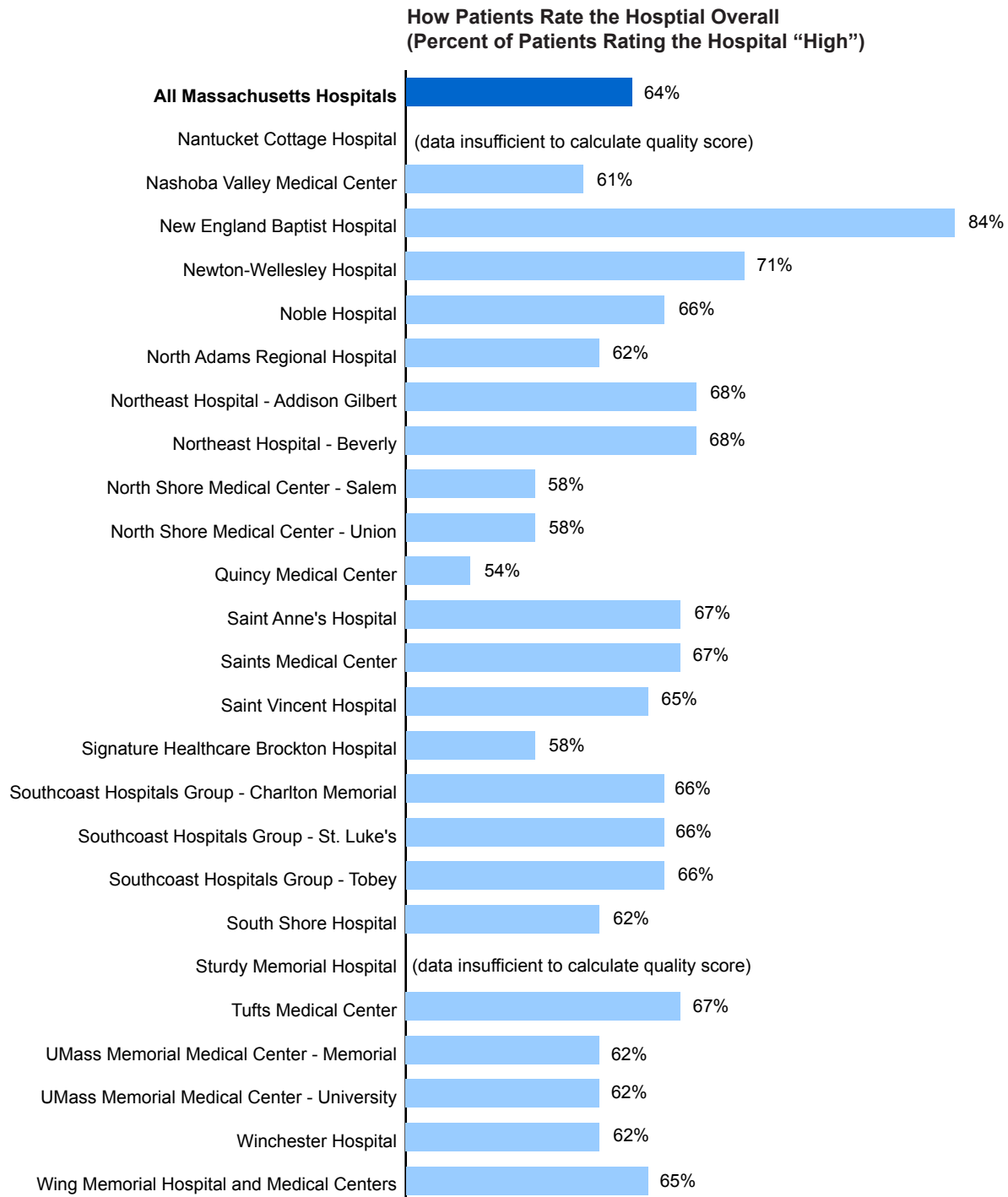
Patient Experience by Hospital



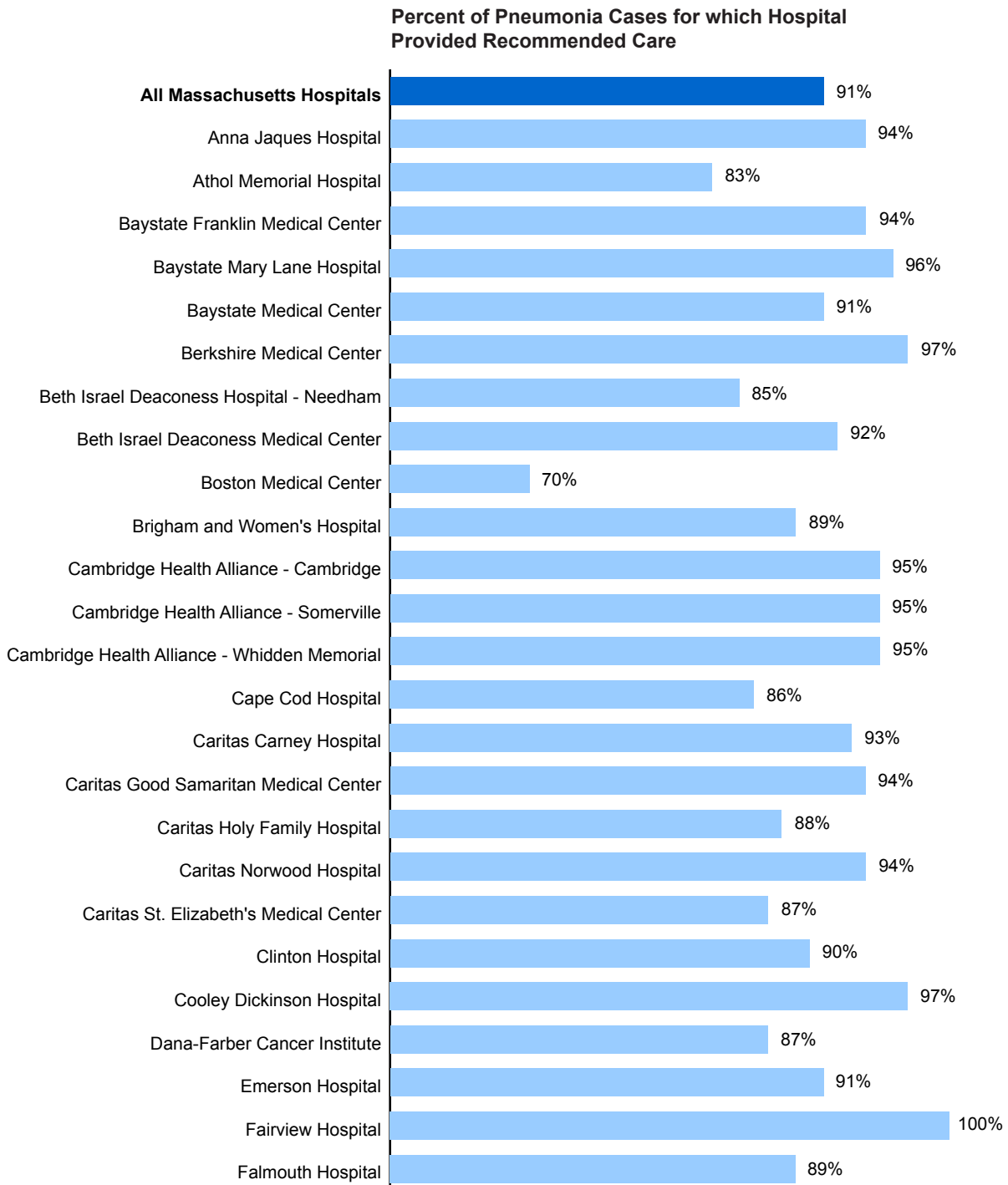
Patient Experience by Hospital



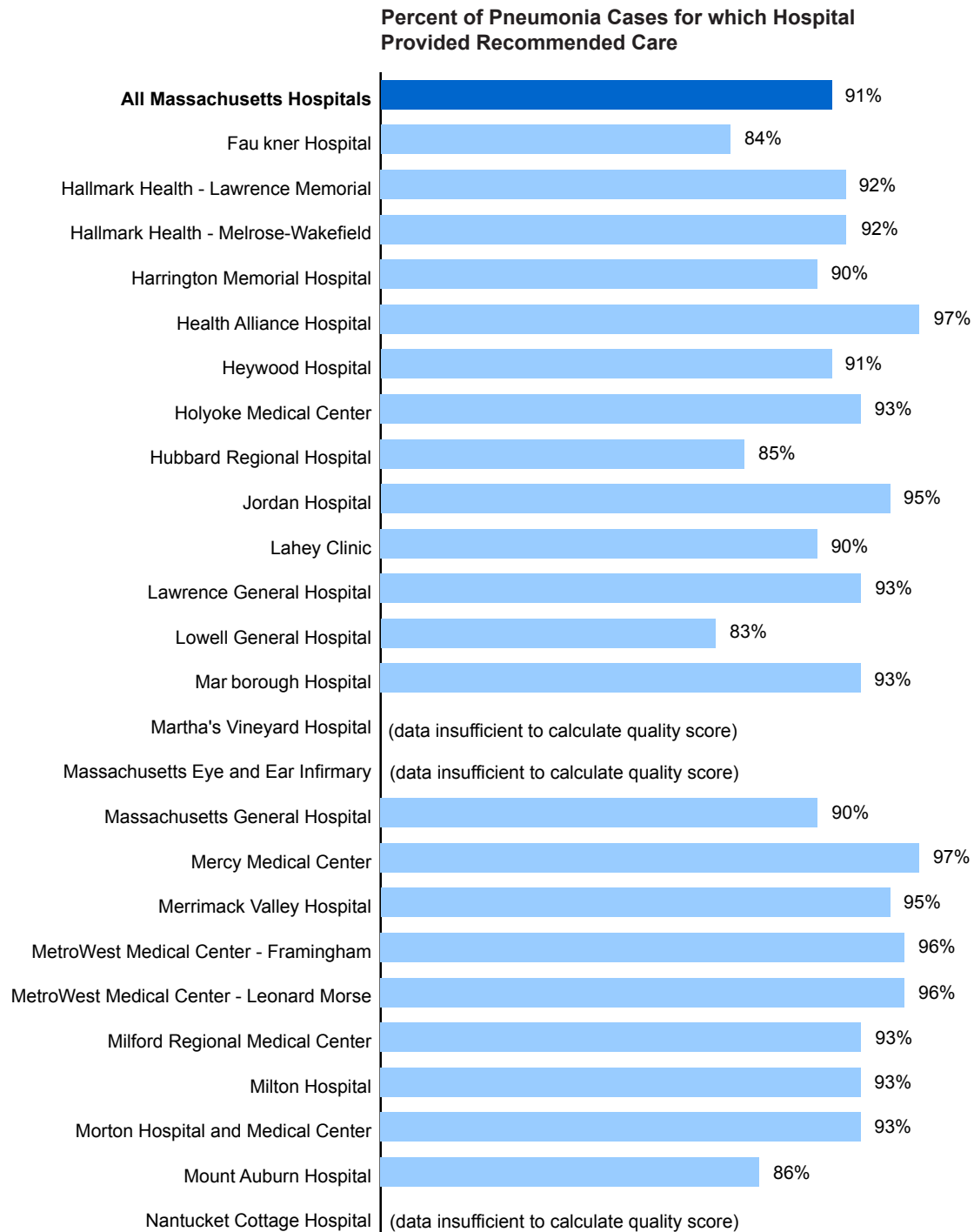
Patient Experience by Hospital



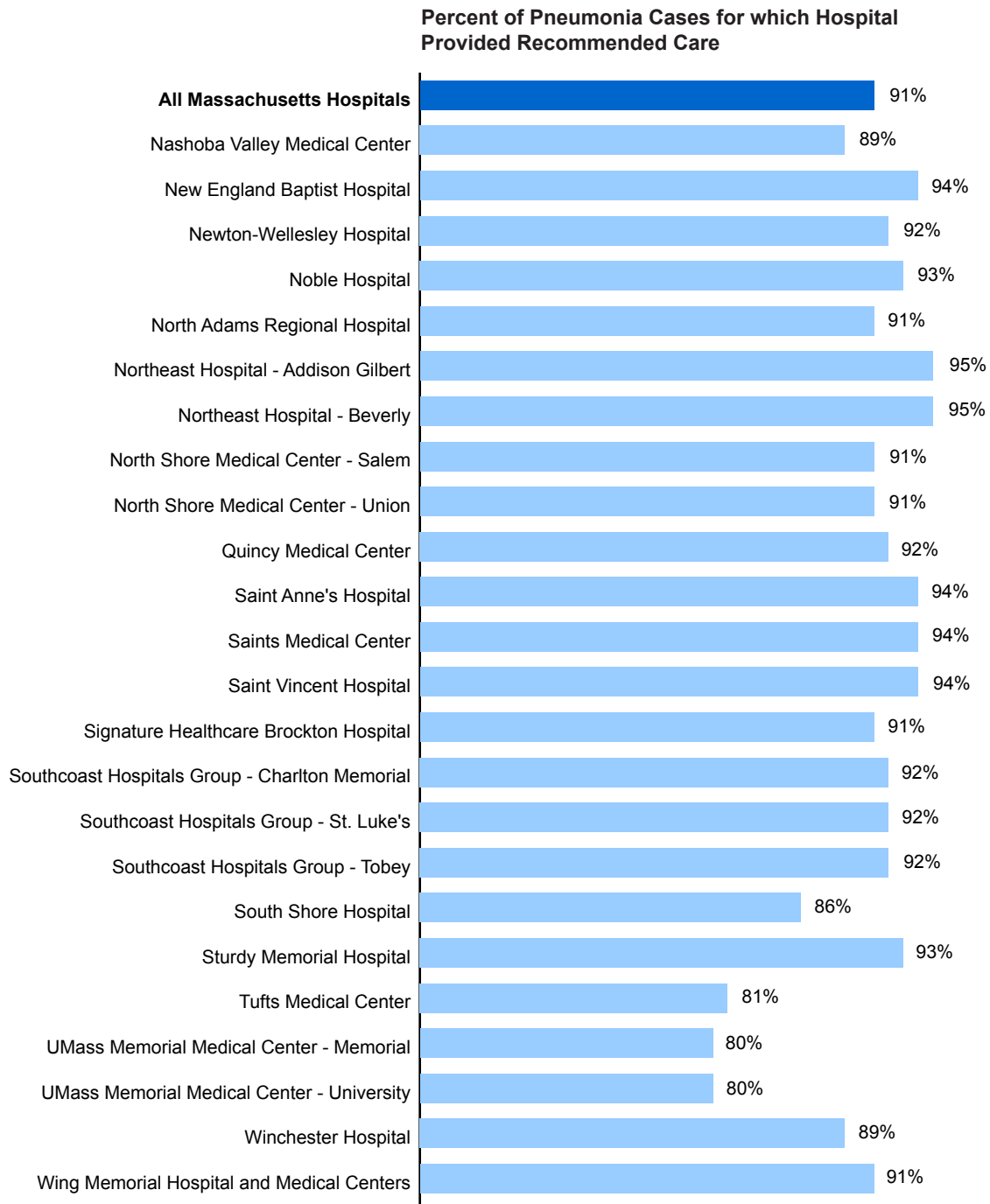
Pneumonia Care by Hospital



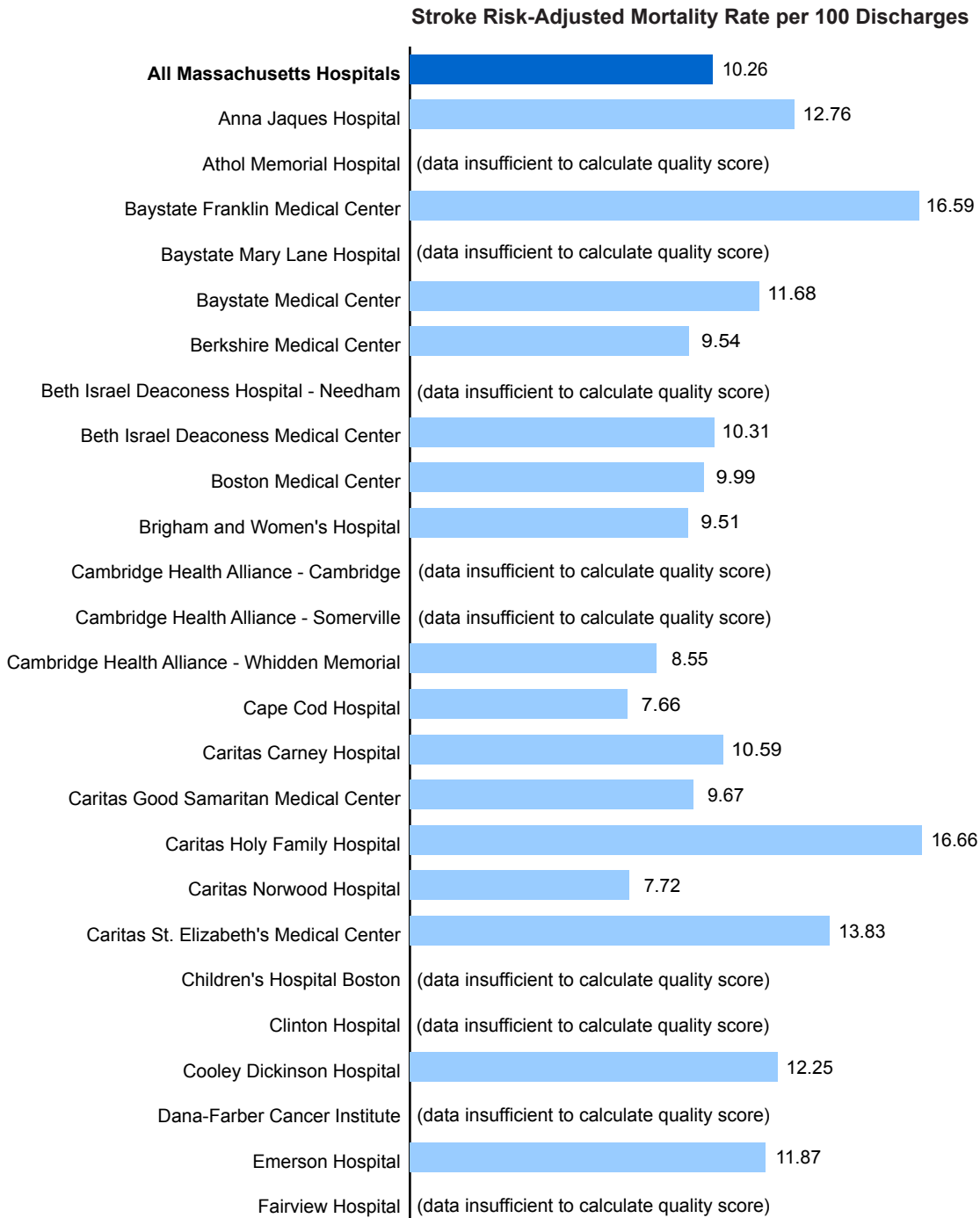
Pneumonia Care by Hospital



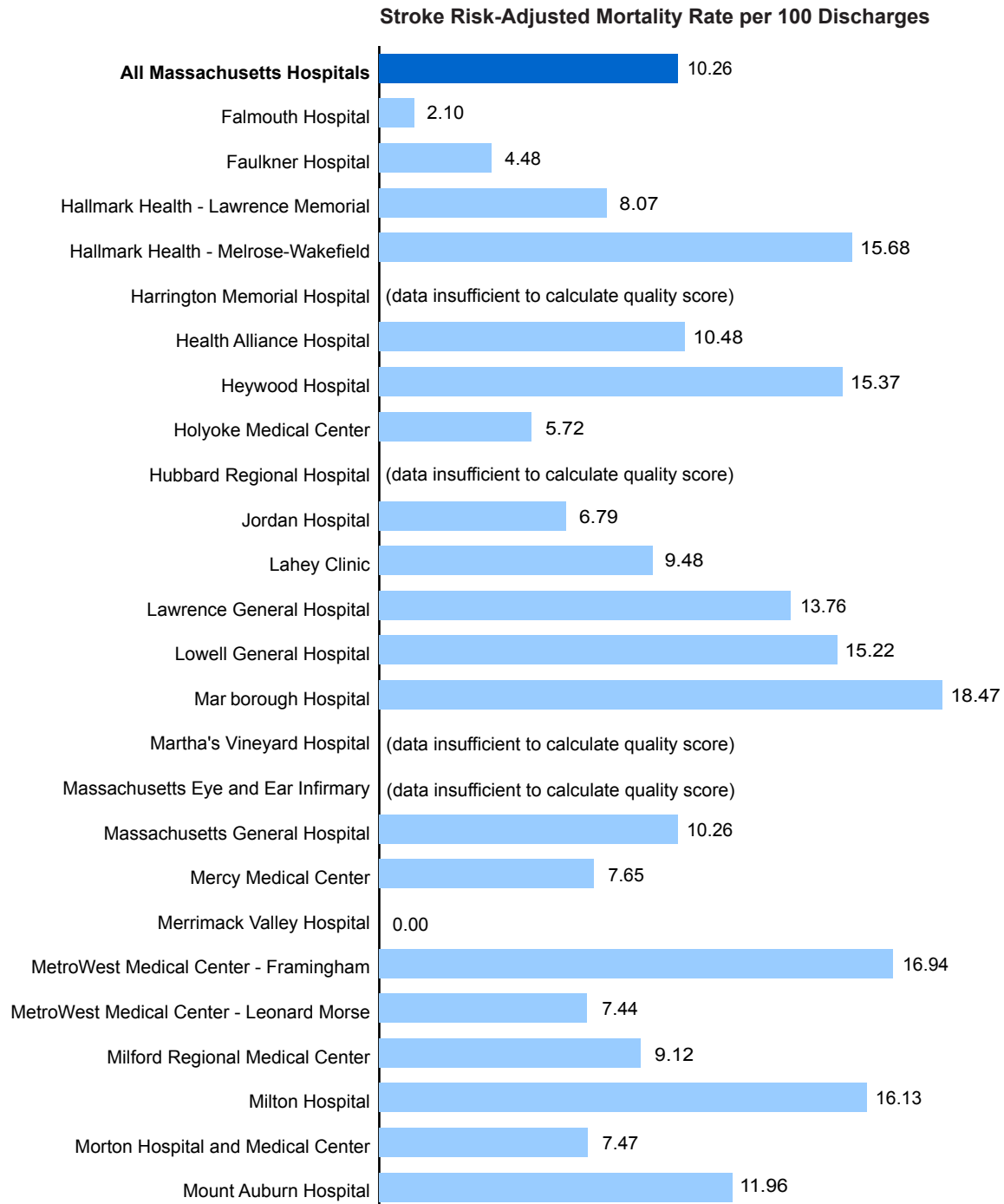
Pneumonia Care by Hospital



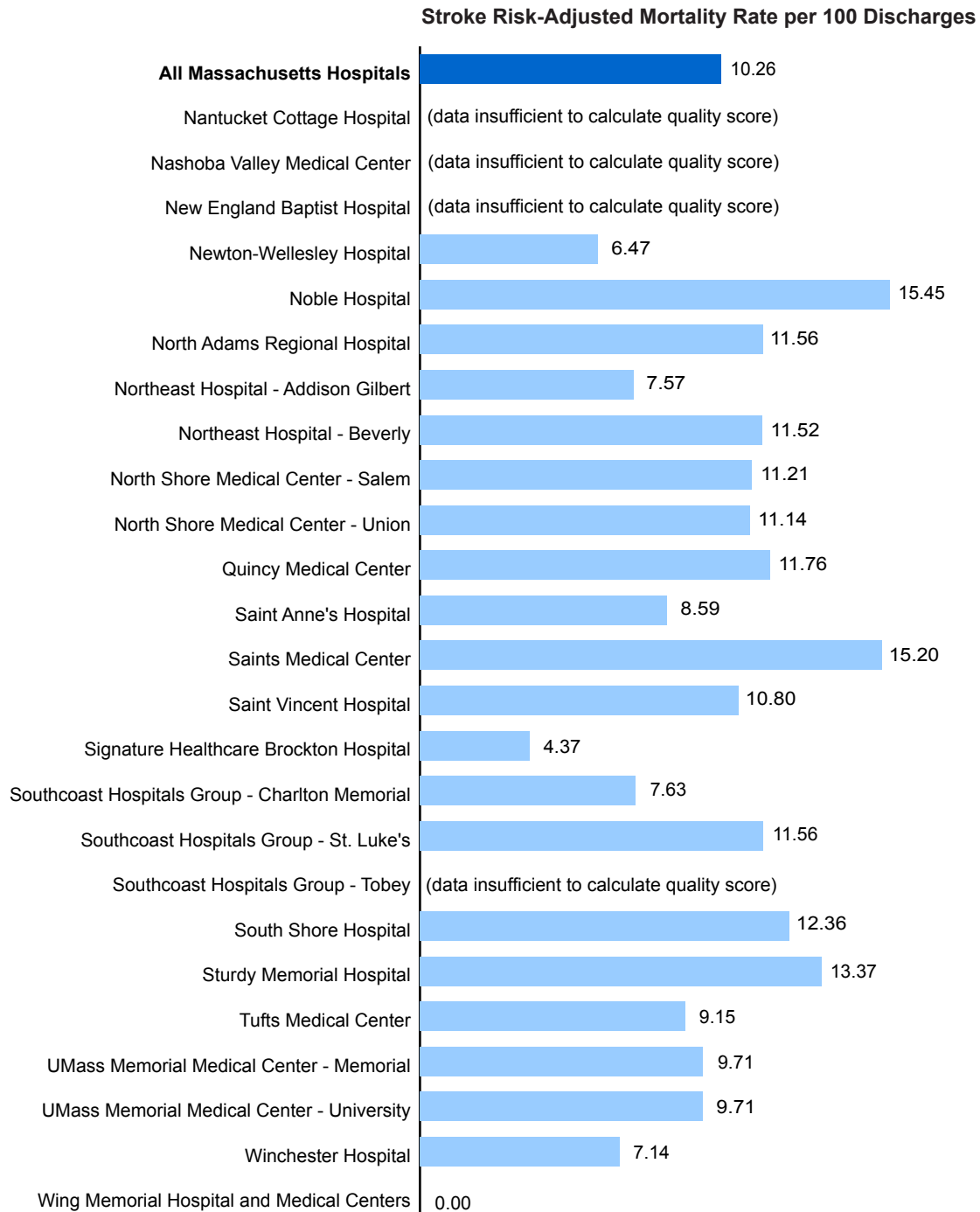
Stroke by Hospital



Stroke by Hospital



Stroke by Hospital



Section 1B: Cost by Procedure or Condition

Methodological Note on Calculating Cost

Costs are calculated per case from an extract of the Council's database of commercial health plan claims. Dates of service are from July 2006 through June 2007 (paid through February 2008). Cost is based on the actual amount that health plans reported paying to hospitals.

To make fair cost comparisons among hospitals treating different types of patients, inpatient costs were adjusted for the severity of illness (how sick patients are). A diagnosis-related group (DRG) is a method of classifying the illnesses or conditions of patients into standard categories. Every discharge was further analyzed for relative resource consumption on a four-point scale, where one is a minor illness and four is an extreme illness.

After adjusting claims for severity of illness, the statewide cost of caring for patients in each DRG at each of the severity levels was calculated across all hospitals. A hospital-specific, severity-adjusted cost for each DRG was then calculated according to a set of rules that allowed comparison to the statewide cost.

Interpreting Median and Percentile Values

The median cost value is the 'middle number' in the cost data for a particular hospital or set of values. Looking at all the discharges for a particular procedure, 50% were lower and 50% were higher than the median cost value.

For example, if a median value is \$100, half of all the discharges in the Council's dataset were under \$100 and half were above \$100.

For any procedure, a hospital's 15th percentile value indicates that 85% of all discharges for that condition or procedure cost more than the 15th percentile value.

For example, if a procedure performed by the hospital has a 15th percentile value of \$100, it means that 85% of the reported discharges cost more than \$100.

The 85th percentile indicates that most of the reported discharges cost less than this amount.

For example, if a procedure performed by a hospital has an 85th percentile value of \$200, it means that only 15% of all the procedures performed by the hospital cost more than \$200.

Patients should exercise caution when using percentile values in decision-making. The patient's obligation for care depends upon the terms of the patient's carrier and may not be reflected in these data.

Condition-Specific Cost Graphs

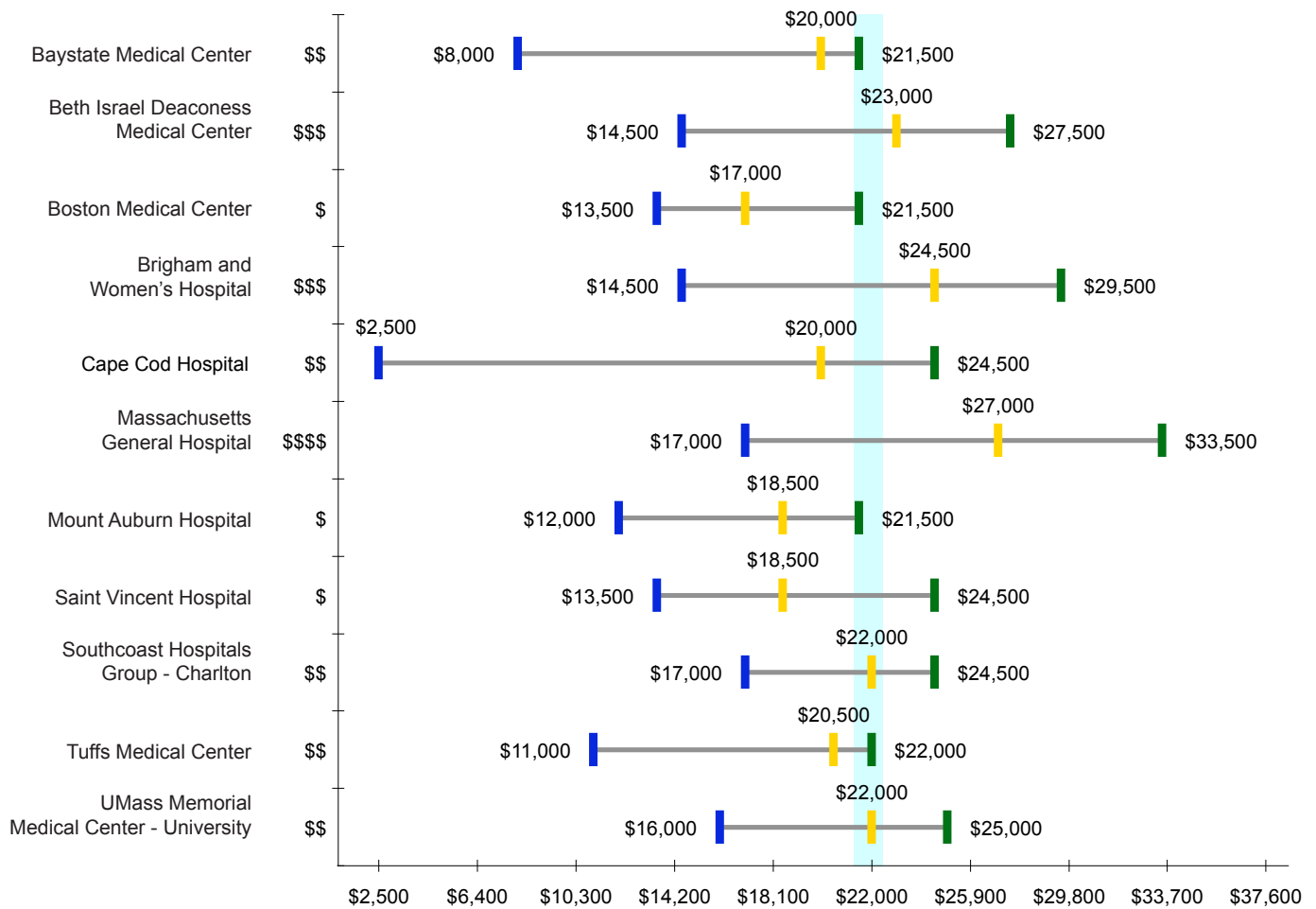
Cost ratings are based upon the Council's analysis of the commercial carrier claims data submitted to the Council pursuant to 129 CMR 2.0: Uniform Reporting System for Health Care Claims Data Sets. See Appendix C for information on the conditions measured, and Appendix A for a summary of the cost analysis calculations.

The cost ratings in this section (see pages 29-133) are indicated by dollar signs. One dollar sign (\$) indicates that the hospital is among the least costly. This cost is lower than 85% of all hospitals in the state. Two dollar signs (\$\$) indicate that the hospital's cost is below average. This cost is above 15% but below 50% of all hospitals in the state. Three dollar signs (\$\$\$) indicate that the hospital's cost is above average. This cost is above 50% but below 85% of all hospitals in the state. Four dollar signs (\$\$\$\$) indicate that the hospital is among the most costly. This cost is higher than 85% of all hospitals in the state.

Dates of service range from July 2006 through June 2007 for 2.8 million member years (3.2 million unique covered lives).

A hospital that is not listed on this chart had fewer than 30 discharges in the Council's dataset. The cost measures are based on at least 30 discharges per condition or procedure to calculate a score and the range of costs. A hospital may be reimbursed for these conditions and procedures by payers that are not included in this analysis.

Range of Costs for Angioplasty by Hospital



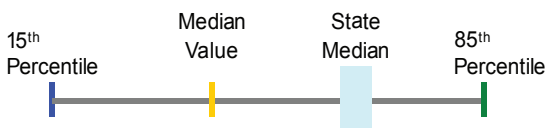
If the 15th Percentile and Median values for a hospital are equal, then only Median and 85th Percentile values are shown on the graph;

If the Median and 85th Percentile values for a hospital are equal, then only 15th Percentile and 85th Percentile values are shown on the graph;

If only the 85th Percentile value is shown for a hospital, then the 15th Percentile, Median, and 85th Percentile values are equal.

Refer to the hospital-specific data table to see all cost values for each hospital.

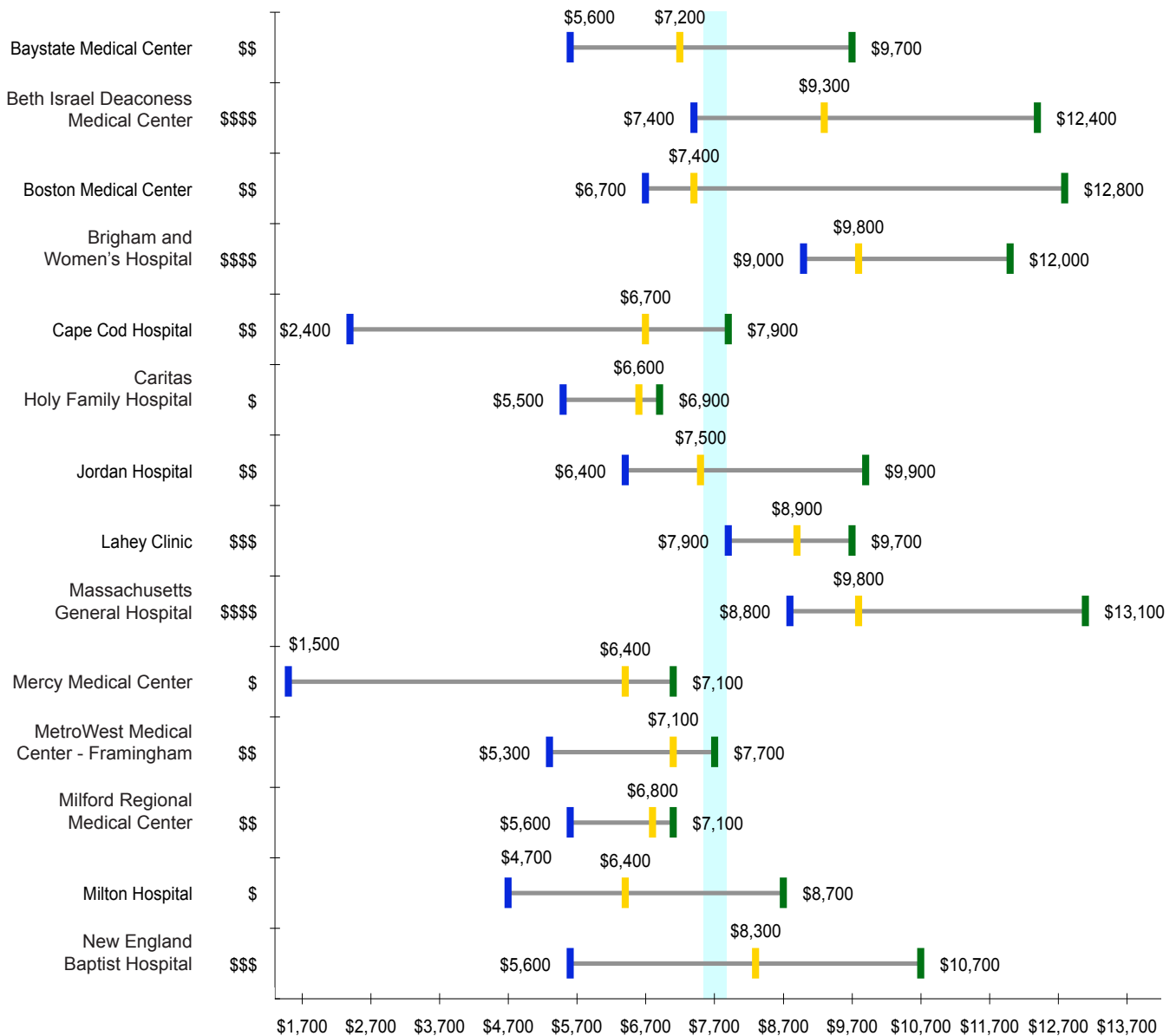
Legend



Cost Ratings

- \$ The hospital is among the least costly. This cost is lower than 85% of all hospitals in the state.
- \$\$ The hospital cost is below average. This cost is above 15% but below 50% of all hospitals in the state.
- \$\$\$ The hospital cost is above average. This cost is above 50% but below 85% of all hospitals in the state.
- \$\$\$\$ The hospital is among the most costly. This cost is higher than 85% of all hospitals in the state.

Range of Costs for Back and Neck Procedures (Except Spinal Fusion) by Hospital (1 of 2)



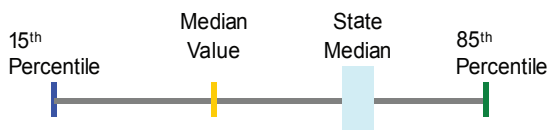
If the 15th Percentile and Median values for a hospital are equal, then only Median and 85th Percentile values are shown on the graph;

If the Median and 85th Percentile values for a hospital are equal, then only 15th Percentile and 85th Percentile values are shown on the graph;

If only the 85th Percentile value is shown for a hospital, then the 15th Percentile, Median, and 85th Percentile values are equal.

Refer to the hospital-specific data table to see all cost values for each hospital.

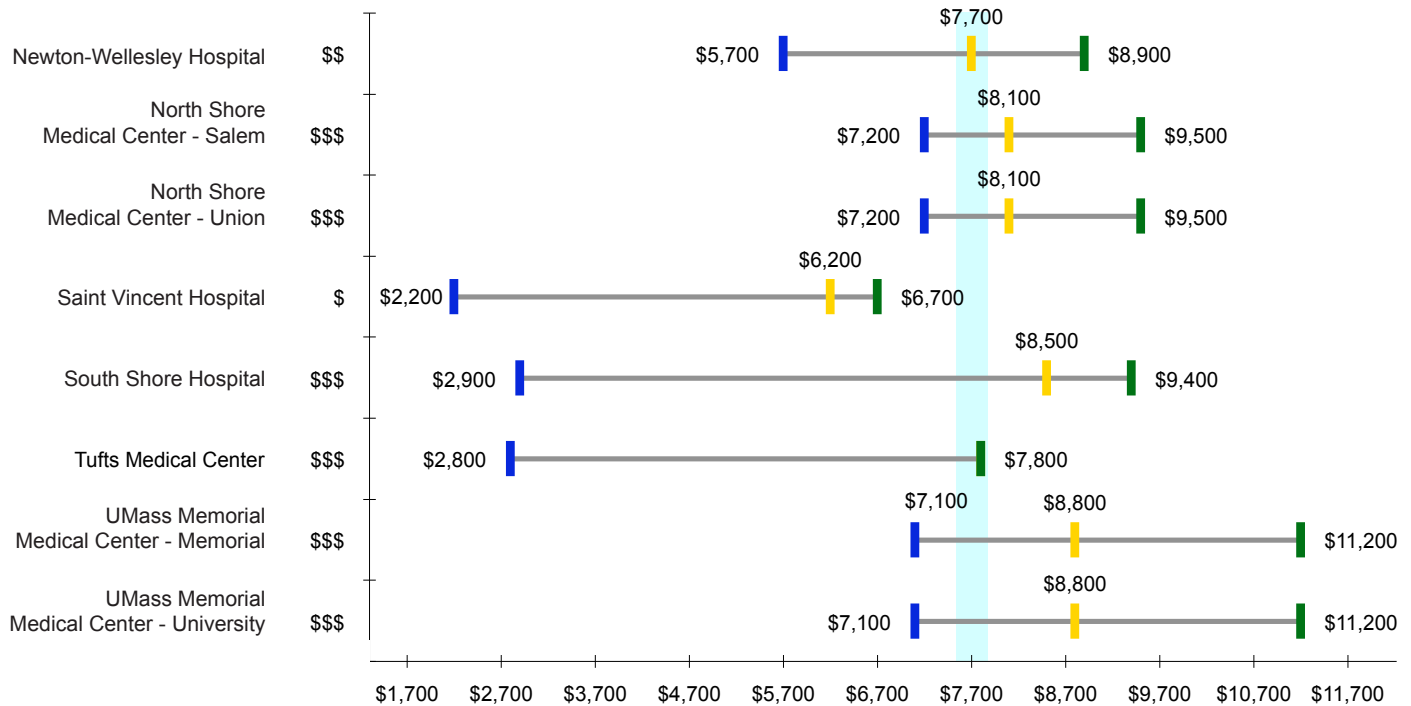
Legend



Cost Ratings

- \$ The hospital is among the least costly. This cost is lower than 85% of all hospitals in the state.
- \$\$ The hospital cost is below average. This cost is above 15% but below 50% of all hospitals in the state.
- \$\$\$ The hospital cost is above average. This cost is above 50% but below 85% of all hospitals in the state.
- \$\$\$\$ The hospital is among the most costly. This cost is higher than 85% of all hospitals in the state.

Range of Costs for Back and Neck Procedures (Except Spinal Fusion) by Hospital (2 of 2)



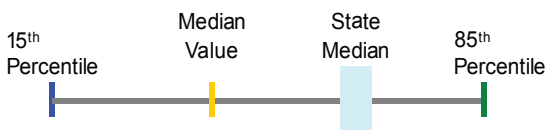
If the 15th Percentile and Median values for a hospital are equal, then only Median and 85th Percentile values are shown on the graph;

If the Median and 85th Percentile values for a hospital are equal, then only 15th Percentile and 85th Percentile values are shown on the graph;

If only the 85th Percentile value is shown for a hospital, then the 15th Percentile, Median, and 85th Percentile values are equal.

Refer to the hospital-specific data table to see all cost values for each hospital.

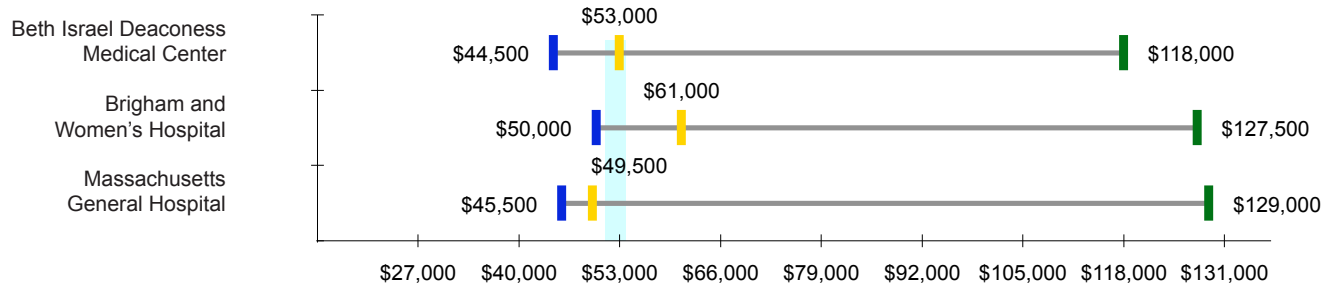
Legend



Cost Ratings

- \$ The hospital is among the least costly. This cost is lower than 85% of all hospitals in the state.
- \$\$ The hospital cost is below average. This cost is above 15% but below 50% of all hospitals in the state.
- \$\$\$ The hospital cost is above average. This cost is above 50% but below 85% of all hospitals in the state.
- \$\$\$\$ The hospital is among the most costly. This cost is higher than 85% of all hospitals in the state.

Range of Costs for Cardiac Valve Surgery† by Hospital



† There are no cost ratings for this procedure.

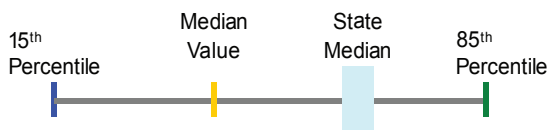
If the 15th Percentile and Median values for a hospital are equal, then only Median and 85th Percentile values are shown on the graph;

If the Median and 85th Percentile values for a hospital are equal, then only 15th Percentile and 85th Percentile values are shown on the graph;

If only the 85th Percentile value is shown for a hospital, then the 15th Percentile, Median, and 85th Percentile values are equal.

Refer to the hospital-specific data table to see all cost values for each hospital.

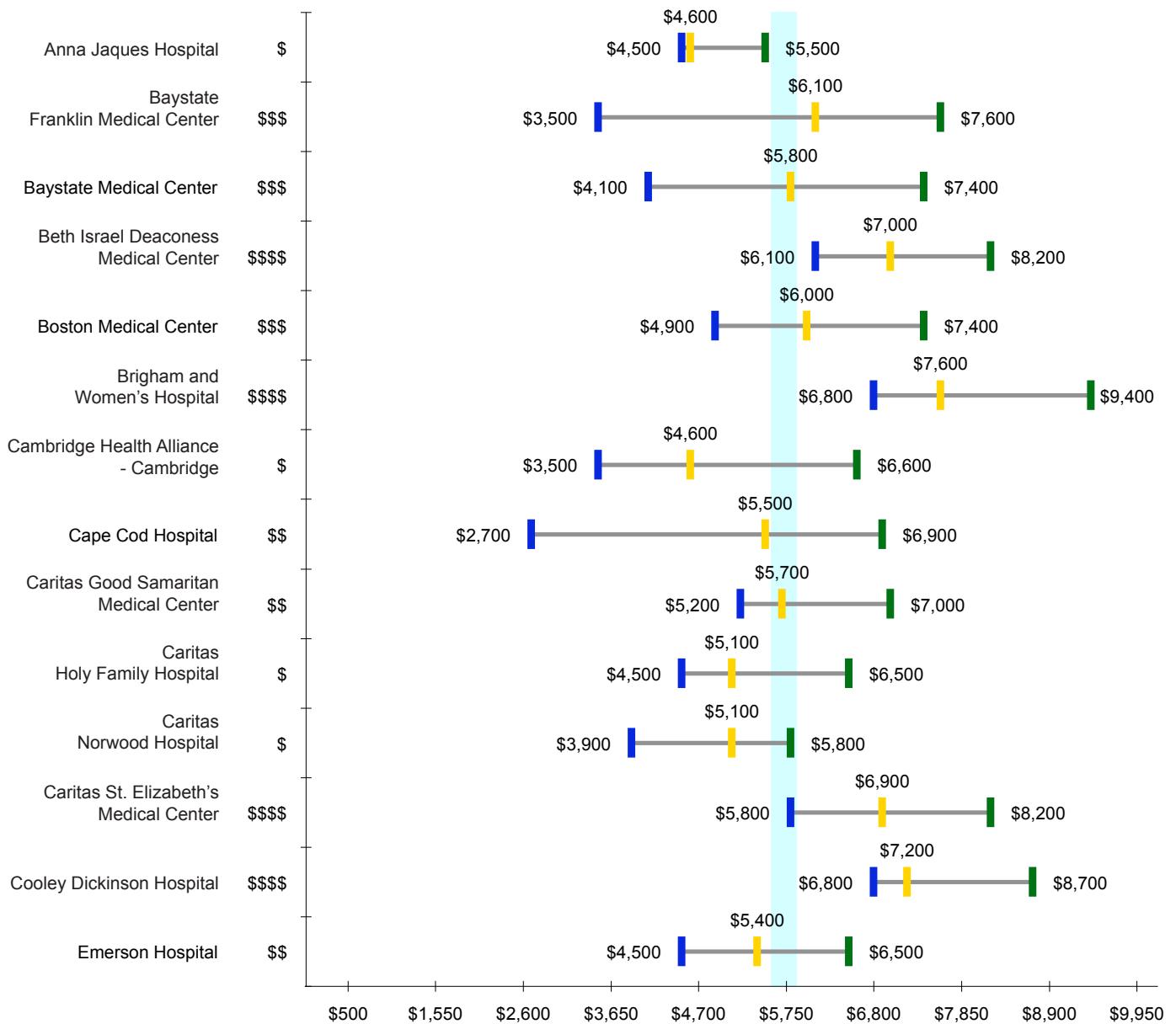
Legend



Cost Ratings

- \$ The hospital is among the least costly. This cost is lower than 85% of all hospitals in the state.
- \$\$ The hospital cost is below average. This cost is above 15% but below 50% of all hospitals in the state.
- \$\$\$ The hospital cost is above average. This cost is above 50% but below 85% of all hospitals in the state.
- \$\$\$\$ The hospital is among the most costly. This cost is higher than 85% of all hospitals in the state.

Range of Costs for Cesarean Section by Hospital (1 of 3)



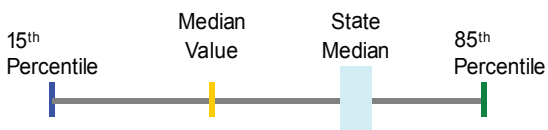
If the 15th Percentile and Median values for a hospital are equal, then only Median and 85th Percentile values are shown on the graph;

If the Median and 85th Percentile values for a hospital are equal, then only 15th Percentile and 85th Percentile values are shown on the graph;

If only the 85th Percentile value is shown for a hospital, then the 15th Percentile, Median, and 85th Percentile values are equal.

Refer to the hospital-specific data table to see all cost values for each hospital.

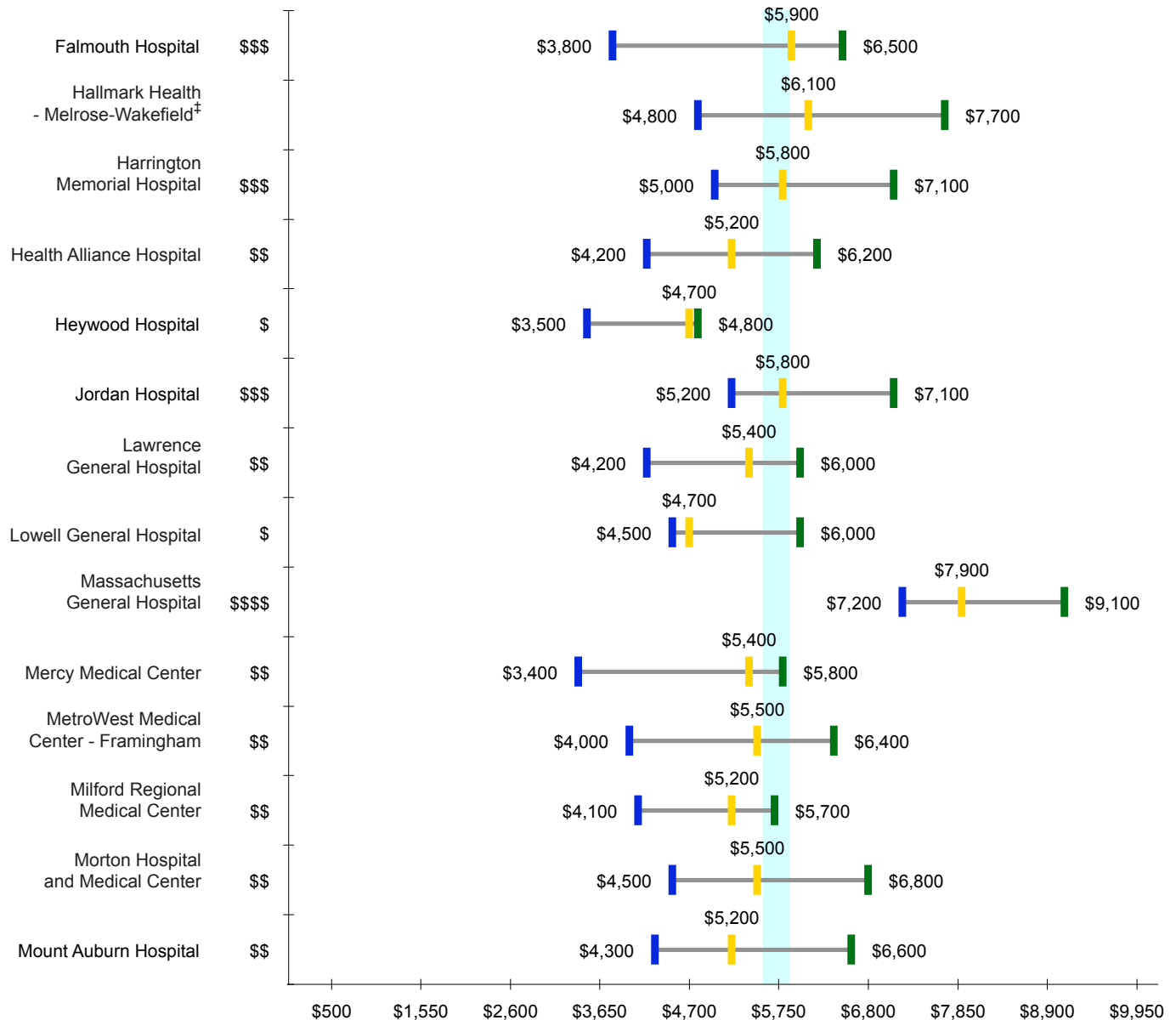
Legend



Cost Ratings

- \$ The hospital is among the least costly. This cost is lower than 85% of all hospitals in the state.
- \$\$ The hospital cost is below average. This cost is above 15% but below 50% of all hospitals in the state.
- \$\$\$ The hospital cost is above average. This cost is above 50% but below 85% of all hospitals in the state.
- \$\$\$\$ The hospital is among the most costly. This cost is higher than 85% of all hospitals in the state.

Range of Costs for Cesarean Section by Hospital (2 of 3)



[‡] There is no cost rating for this procedure for this hospital.

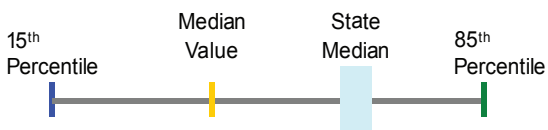
If the 15th Percentile and Median values for a hospital are equal, then only Median and 85th Percentile values are shown on the graph;

If the Median and 85th Percentile values for a hospital are equal, then only 15th Percentile and 85th Percentile values are shown on the graph;

If only the 85th Percentile value is shown for a hospital, then the 15th Percentile, Median, and 85th Percentile values are equal.

Refer to the hospital-specific data table to see all cost values for each hospital.

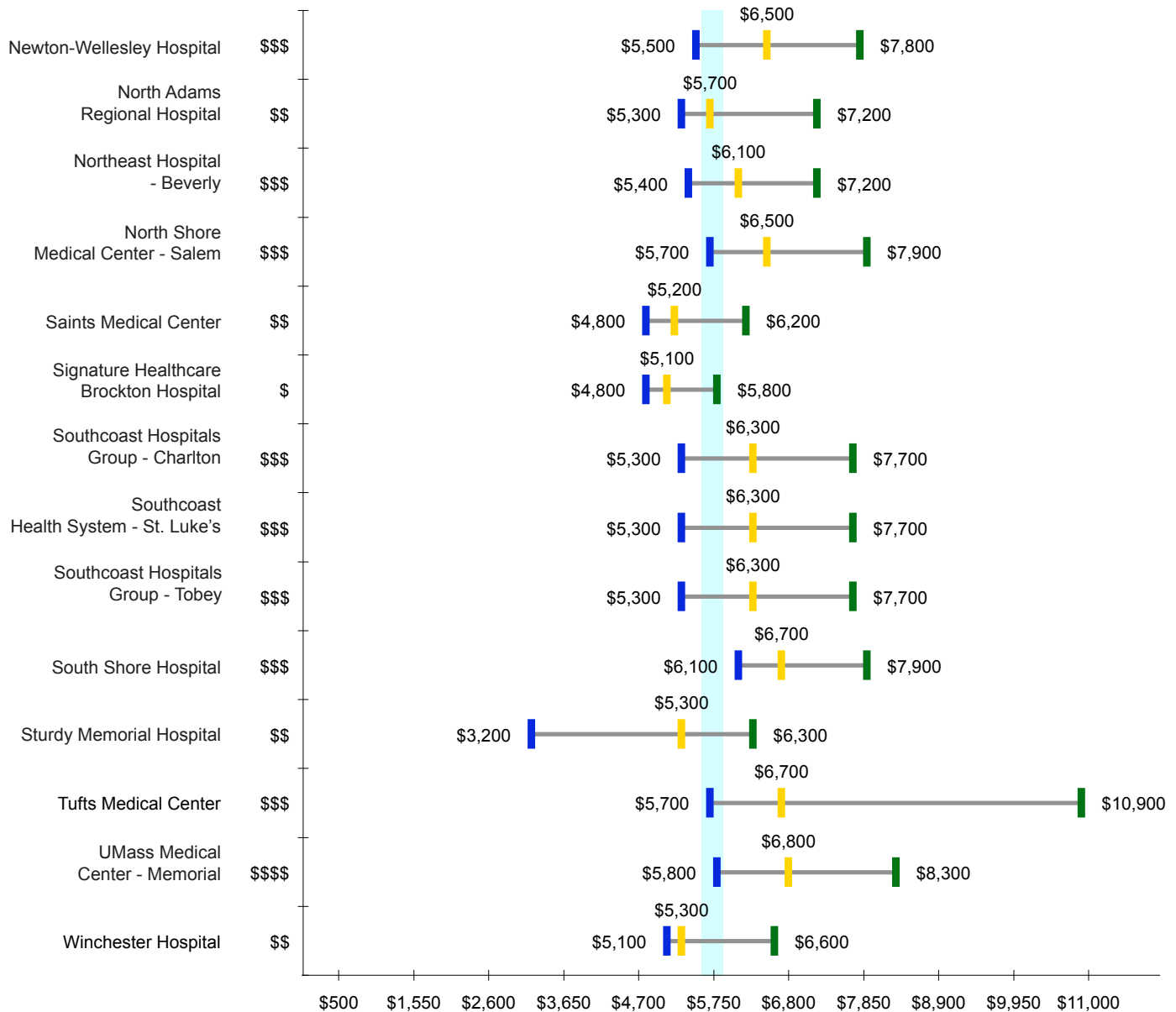
Legend



Cost Ratings

- \$ The hospital is among the least costly. This cost is lower than 85% of all hospitals in the state.
- \$\$ The hospital cost is below average. This cost is above 15% but below 50% of all hospitals in the state.
- \$\$\$ The hospital cost is above average. This cost is above 50% but below 85% of all hospitals in the state.
- \$\$\$\$ The hospital is among the most costly. This cost is higher than 85% of all hospitals in the state.

Range of Costs for Cesarean Section by Hospital (3 of 3)



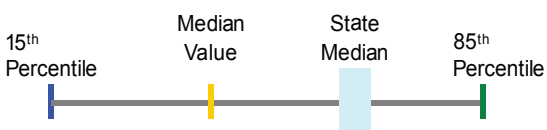
If the 15th Percentile and Median values for a hospital are equal, then only Median and 85th Percentile values are shown on the graph;

If the Median and 85th Percentile values for a hospital are equal, then only 15th Percentile and 85th Percentile values are shown on the graph;

If only the 85th Percentile value is shown for a hospital, then the 15th Percentile, Median, and 85th Percentile values are equal.

Refer to the hospital-specific data table to see all cost values for each hospital.

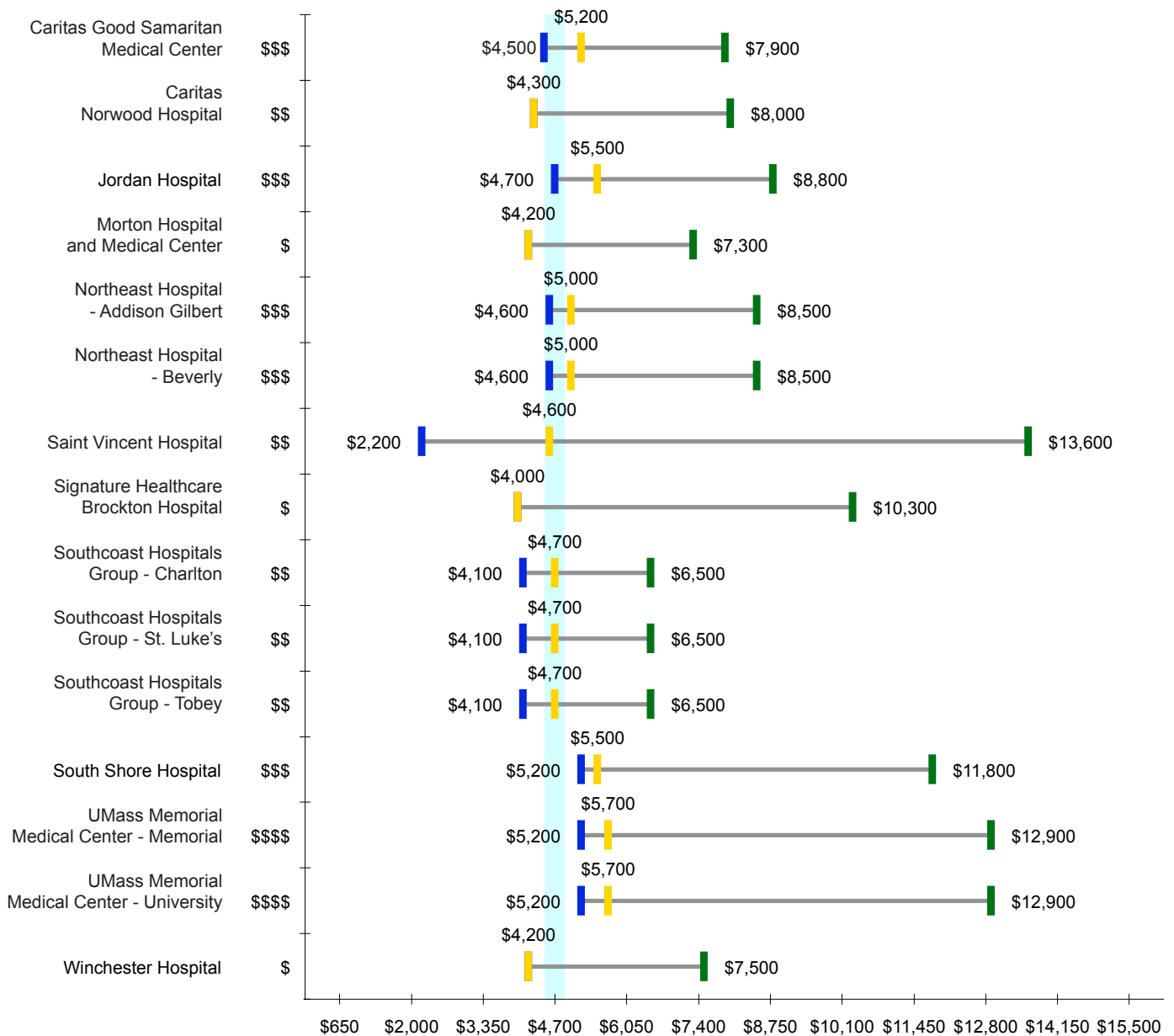
Legend



Cost Ratings

- \$ The hospital is among the least costly. This cost is lower than 85% of all hospitals in the state.
- \$\$ The hospital cost is below average. This cost is above 15% but below 50% of all hospitals in the state.
- \$\$\$ The hospital cost is above average. This cost is above 50% but below 85% of all hospitals in the state.
- \$\$\$\$ The hospital is among the most costly. This cost is higher than 85% of all hospitals in the state.

Range of Costs for Chronic Obstructive Pulmonary Disease (COPD) by Hospital



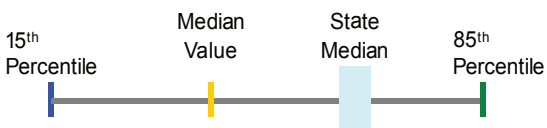
If the 15th Percentile and Median values for a hospital are equal, then only Median and 85th Percentile values are shown on the graph;

If the Median and 85th Percentile values for a hospital are equal, then only 15th Percentile and 85th Percentile values are shown on the graph;

If only the 85th Percentile value is shown for a hospital, then the 15th Percentile, Median, and 85th Percentile values are equal.

Refer to the hospital-specific data table to see all cost values for each hospital.

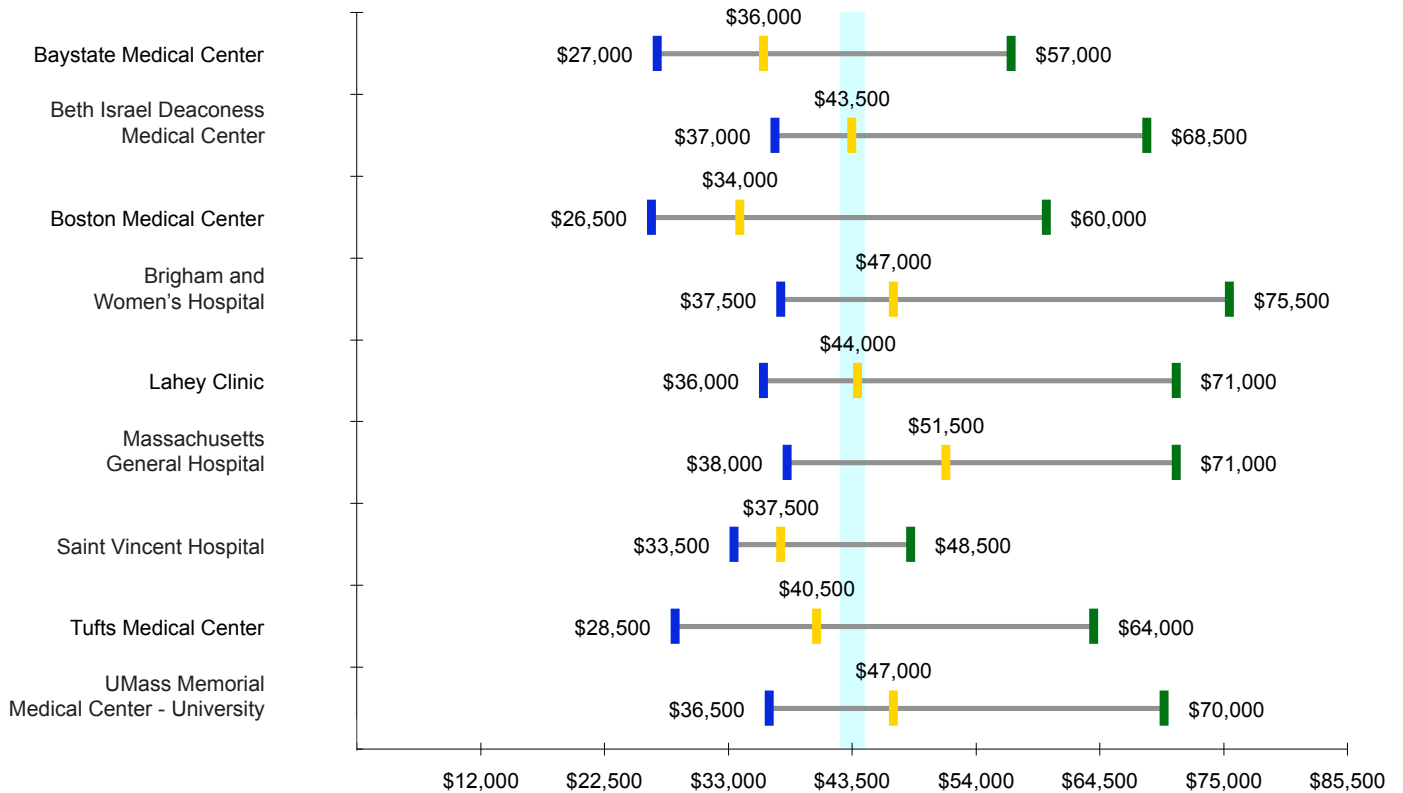
Legend



Cost Ratings

- \$ The hospital is among the least costly. This cost is lower than 85% of all hospitals in the state.
- \$\$ The hospital cost is below average. This cost is above 15% but below 50% of all hospitals in the state.
- \$\$\$ The hospital cost is above average. This cost is above 50% but below 85% of all hospitals in the state.
- \$\$\$\$ The hospital is among the most costly. This cost is higher than 85% of all hospitals in the state.

Range of Costs for Coronary Bypass Surgery[‡] by Hospital



[‡] There are no cost ratings for this procedure.

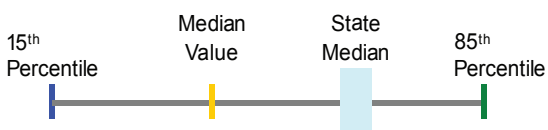
If the 15th Percentile and Median values for a hospital are equal, then only Median and 85th Percentile values are shown on the graph;

If the Median and 85th Percentile values for a hospital are equal, then only 15th Percentile and 85th Percentile values are shown on the graph;

If only the 85th Percentile value is shown for a hospital, then the 15th Percentile, Median, and 85th Percentile values are equal.

Refer to the hospital-specific data table to see all cost values for each hospital.

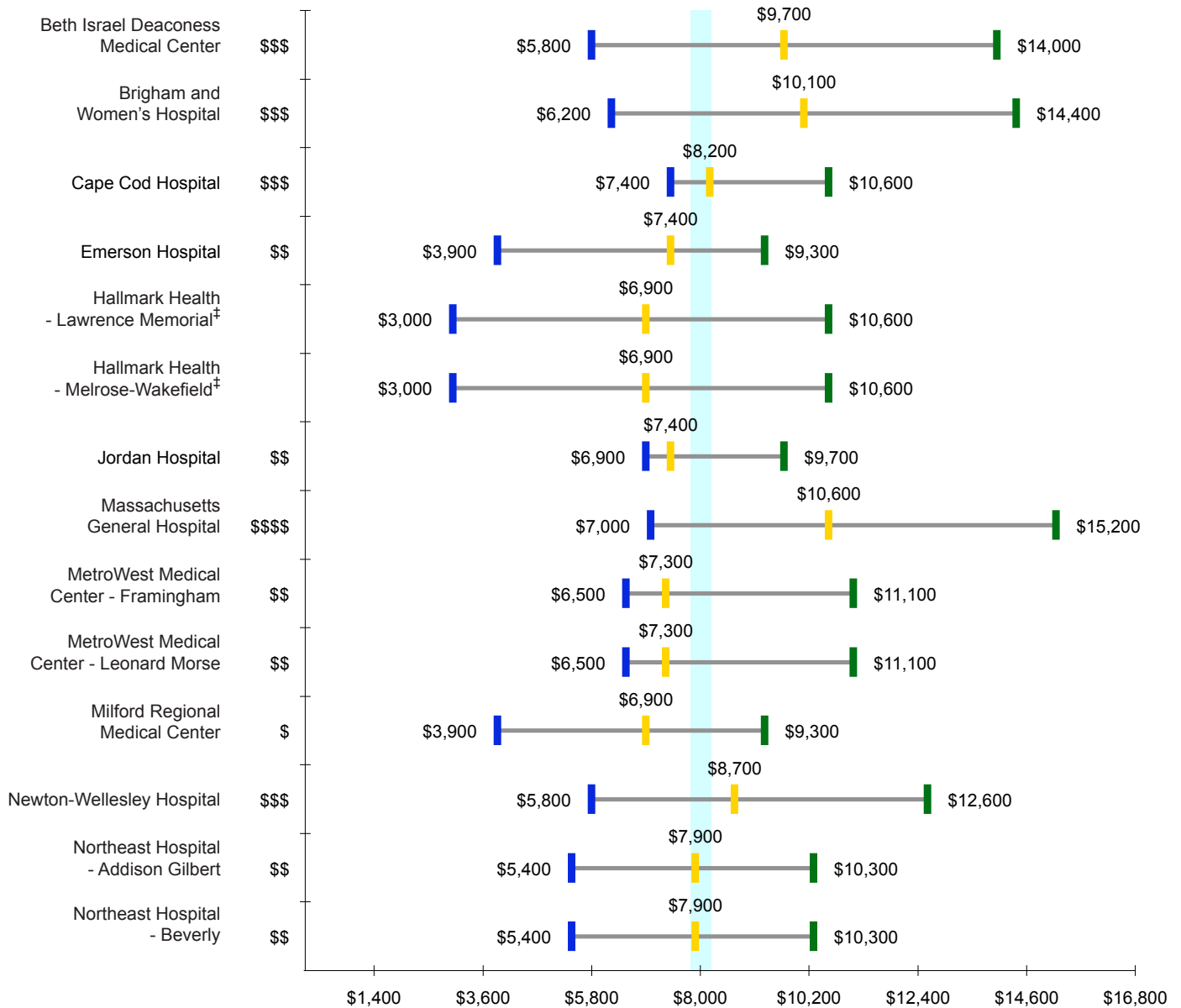
Legend



Cost Ratings

- \$ The hospital is among the least costly. This cost is lower than 85% of all hospitals in the state.
- \$\$ The hospital cost is below average. This cost is above 15% but below 50% of all hospitals in the state.
- \$\$\$ The hospital cost is above average. This cost is above 50% but below 85% of all hospitals in the state.
- \$\$\$\$ The hospital is among the most costly. This cost is higher than 85% of all hospitals in the state.

Range of Costs for Gall Bladder by Hospital (1 of 2)



† There is no cost rating for this procedure for this hospital.

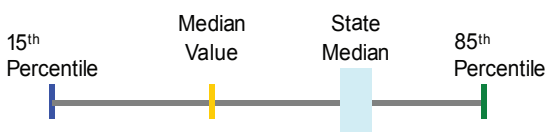
If the 15th Percentile and Median values for a hospital are equal, then only Median and 85th Percentile values are shown on the graph;

If the Median and 85th Percentile values for a hospital are equal, then only 15th Percentile and 85th Percentile values are shown on the graph;

If only the 85th Percentile value is shown for a hospital, then the 15th Percentile, Median, and 85th Percentile values are equal.

Refer to the hospital-specific data table to see all cost values for each hospital.

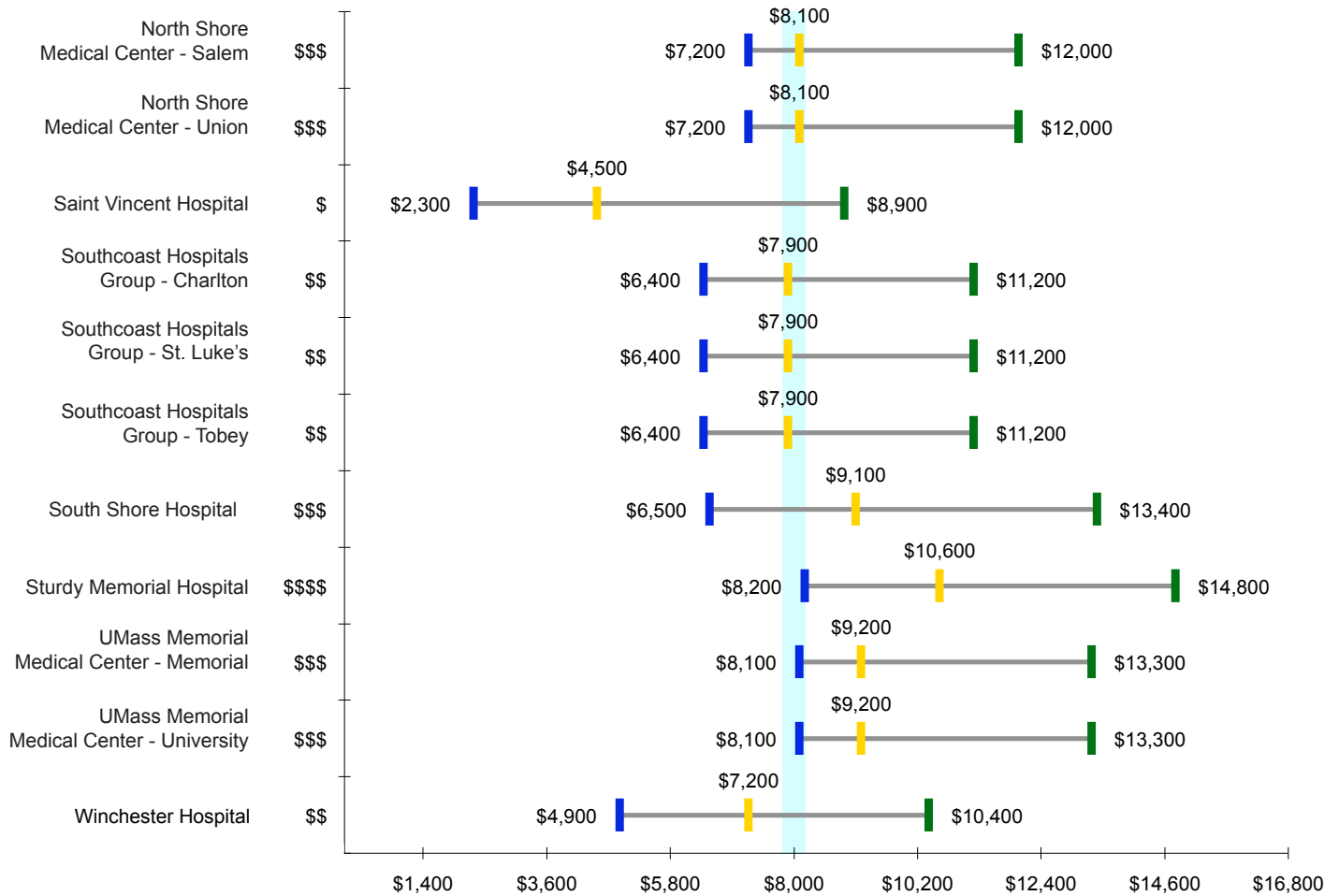
Legend



Cost Ratings

- \$ The hospital is among the least costly. This cost is lower than 85% of all hospitals in the state.
- \$\$ The hospital cost is below average. This cost is above 15% but below 50% of all hospitals in the state.
- \$\$\$ The hospital cost is above average. This cost is above 50% but below 85% of all hospitals in the state.
- \$\$\$\$ The hospital is among the most costly. This cost is higher than 85% of all hospitals in the state.

Range of Costs for Gall Bladder by Hospital (2 of 2)



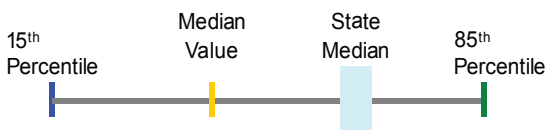
If the 15th Percentile and Median values for a hospital are equal, then only Median and 85th Percentile values are shown on the graph;

If the Median and 85th Percentile values for a hospital are equal, then only 15th Percentile and 85th Percentile values are shown on the graph;

If only the 85th Percentile value is shown for a hospital, then the 15th Percentile, Median, and 85th Percentile values are equal.

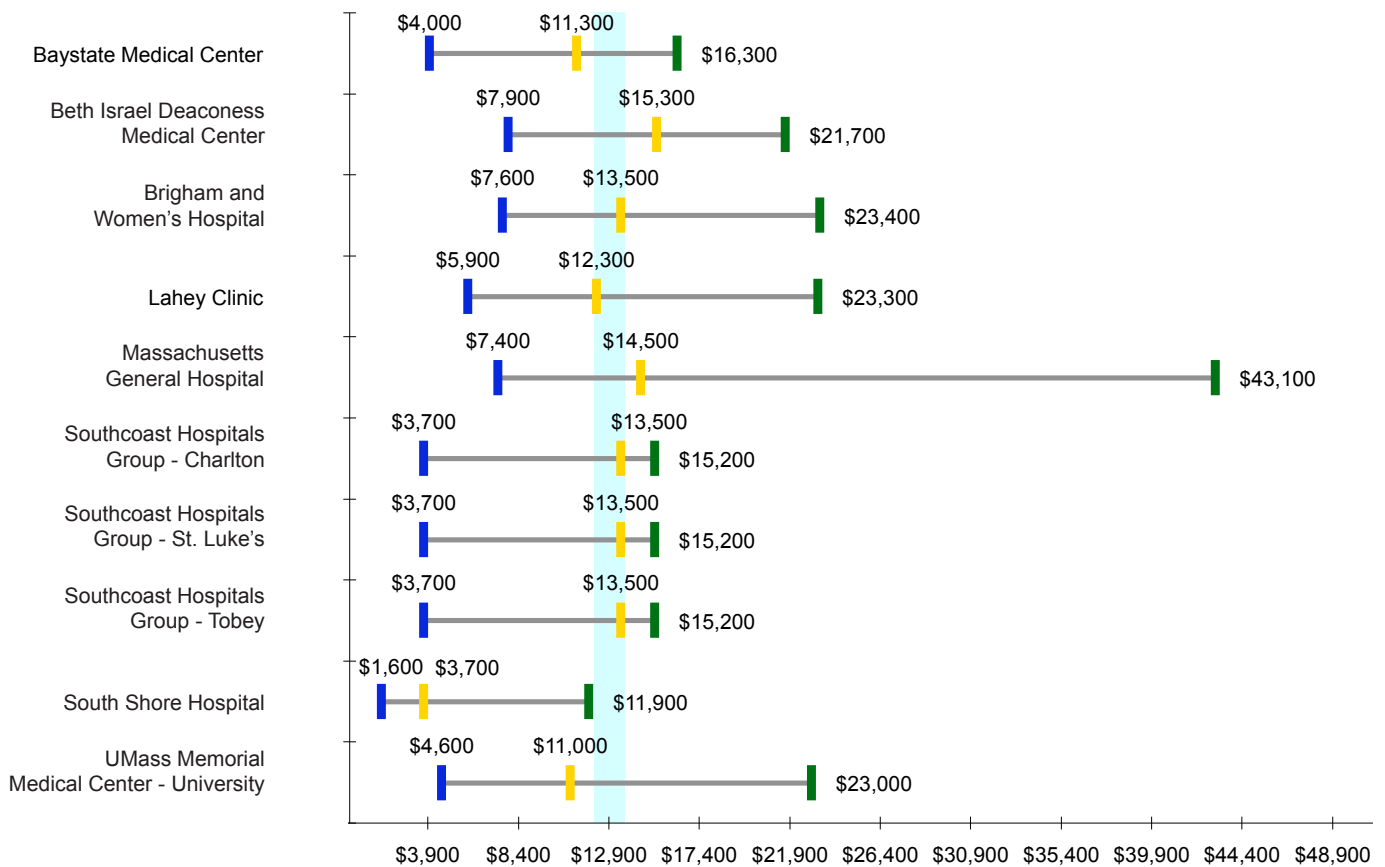
Refer to the hospital-specific data table to see all cost values for each hospital.

Legend



Cost Ratings

- \$ The hospital is among the least costly. This cost is lower than 85% of all hospitals in the state.
- \$\$ The hospital cost is below average. This cost is above 15% but below 50% of all hospitals in the state.
- \$\$\$ The hospital cost is above average. This cost is above 50% but below 85% of all hospitals in the state.
- \$\$\$\$ The hospital is among the most costly. This cost is higher than 85% of all hospitals in the state.

Range of Costs for Heart Attack[‡] by Hospital

‡ There are no cost ratings for this procedure.

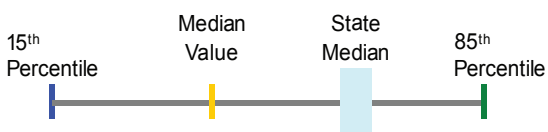
If the 15th Percentile and Median values for a hospital are equal, then only Median and 85th Percentile values are shown on the graph;

If the Median and 85th Percentile values for a hospital are equal, then only 15th Percentile and 85th Percentile values are shown on the graph;

If only the 85th Percentile value is shown for a hospital, then the 15th Percentile, Median, and 85th Percentile values are equal.

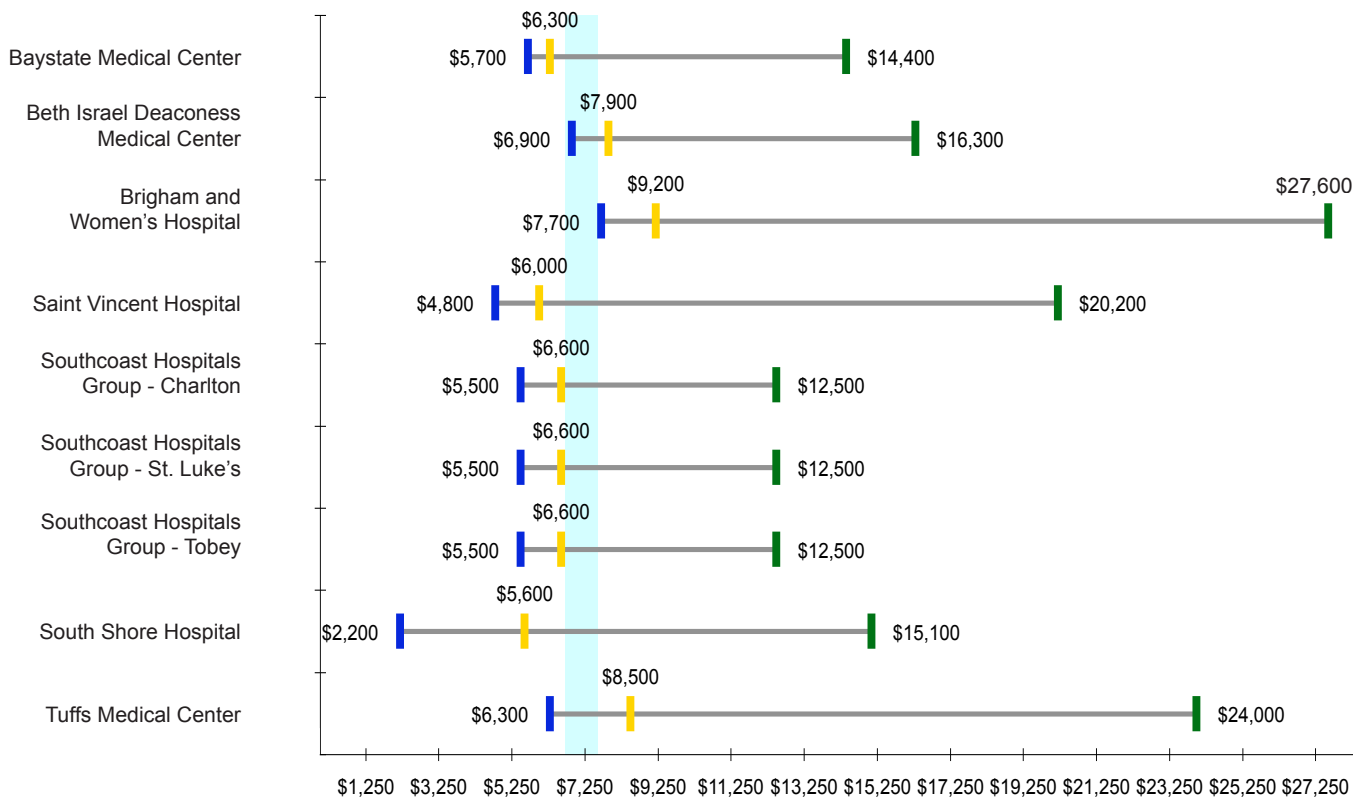
Refer to the hospital-specific data table to see all cost values for each hospital.

Legend



Cost Ratings

- \$ The hospital is among the least costly. This cost is lower than 85% of all hospitals in the state.
- \$\$ The hospital cost is below average. This cost is above 15% but below 50% of all hospitals in the state.
- \$\$\$ The hospital cost is above average. This cost is above 50% but below 85% of all hospitals in the state.
- \$\$\$\$ The hospital is among the most costly. This cost is higher than 85% of all hospitals in the state.

Range of Costs for Heart Failure[‡] by Hospital

[‡] There are no cost ratings for this procedure.

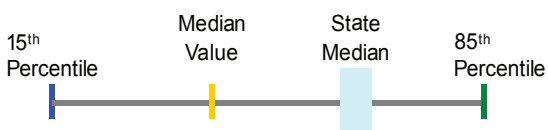
If the 15th Percentile and Median values for a hospital are equal, then only Median and 85th Percentile values are shown on the graph;

If the Median and 85th Percentile values for a hospital are equal, then only 15th Percentile and 85th Percentile values are shown on the graph;

If only the 85th Percentile value is shown for a hospital, then the 15th Percentile, Median, and 85th Percentile values are equal.

Refer to the hospital-specific data table to see all cost values for each hospital.

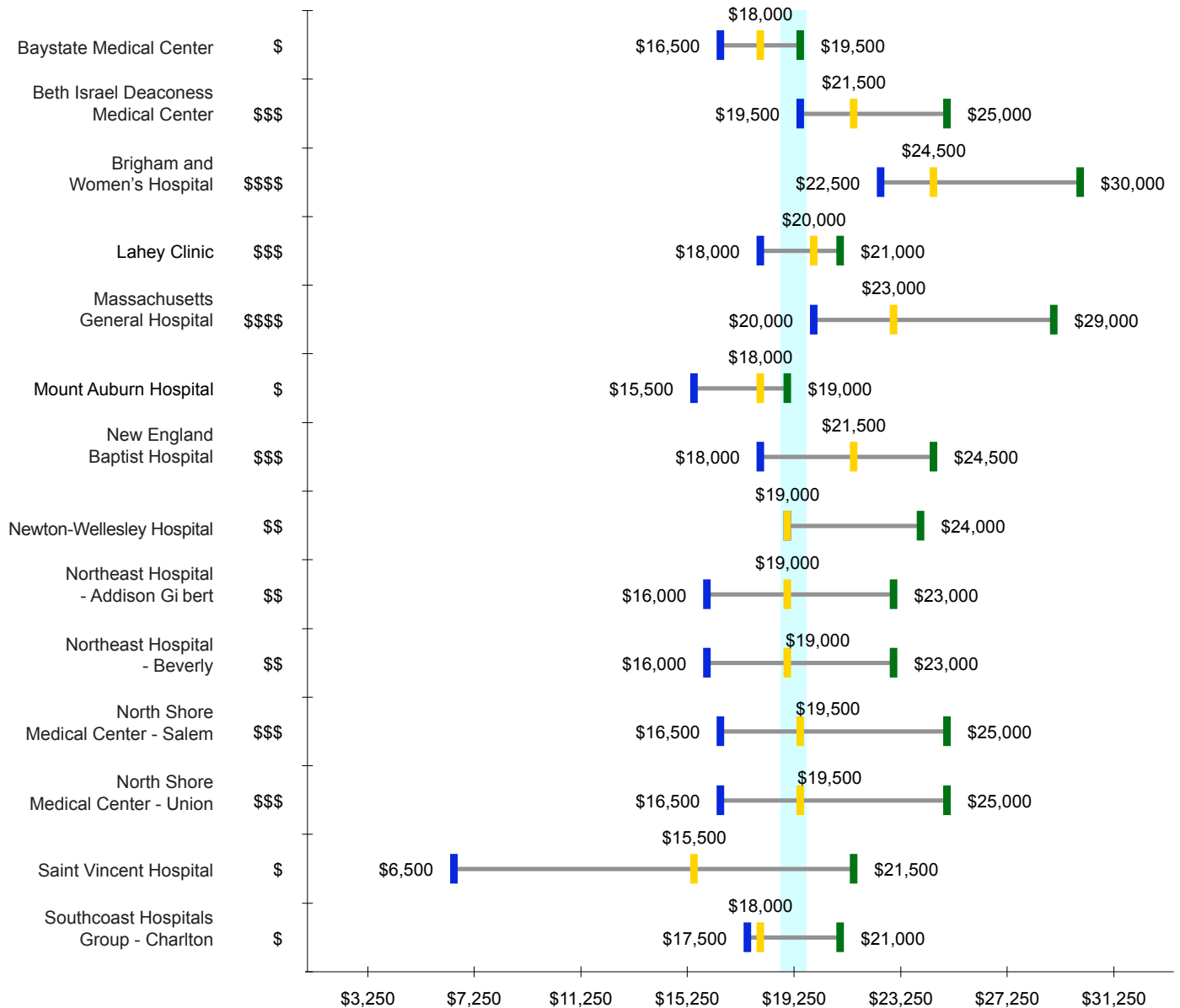
Legend



Cost Ratings

- \$ The hospital is among the least costly. This cost is lower than 85% of all hospitals in the state.
- \$\$ The hospital cost is below average. This cost is above 15% but below 50% of all hospitals in the state.
- \$\$\$ The hospital cost is above average. This cost is above 50% but below 85% of all hospitals in the state.
- \$\$\$\$ The hospital is among the most costly. This cost is higher than 85% of all hospitals in the state.

Range of Costs for Hip Replacement by Hospital (1 of 2)



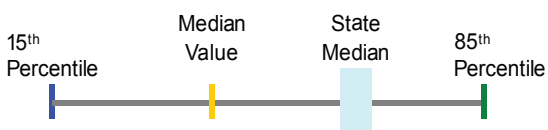
If the 15th Percentile and Median values for a hospital are equal, then only Median and 85th Percentile values are shown on the graph;

If the Median and 85th Percentile values for a hospital are equal, then only 15th Percentile and 85th Percentile values are shown on the graph;

If only the 85th Percentile value is shown for a hospital, then the 15th Percentile, Median, and 85th Percentile values are equal.

Refer to the hospital-specific data table to see all cost values for each hospital.

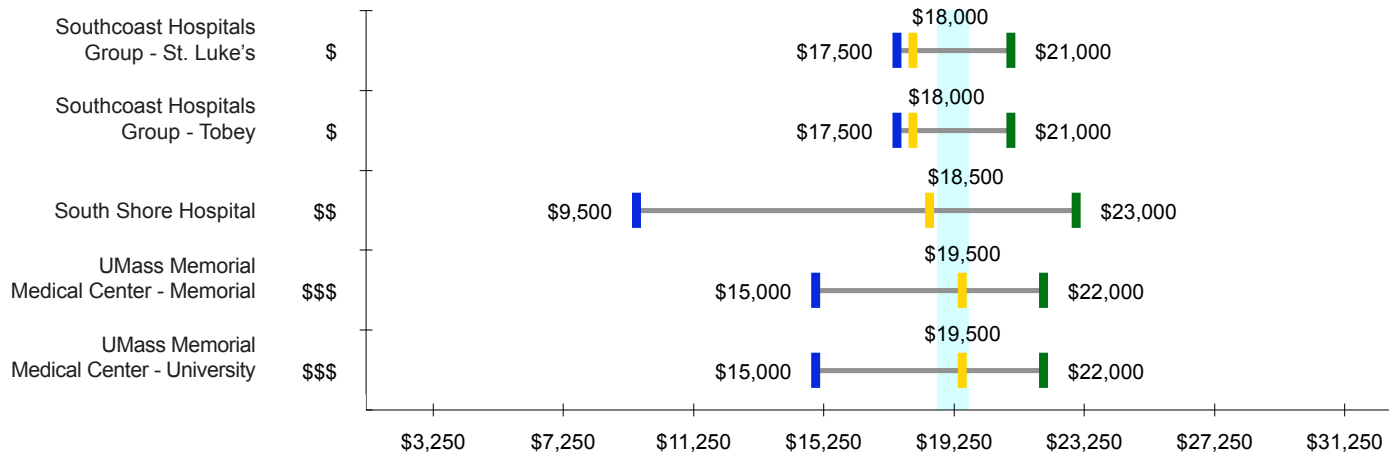
Legend



Cost Ratings

- \$ The hospital is among the least costly. This cost is lower than 85% of all hospitals in the state.
- \$\$ The hospital cost is below average. This cost is above 15% but below 50% of all hospitals in the state.
- \$\$\$ The hospital cost is above average. This cost is above 50% but below 85% of all hospitals in the state.
- \$\$\$\$ The hospital is among the most costly. This cost is higher than 85% of all hospitals in the state.

Range of Costs for Hip Replacement by Hospital (2 of 2)



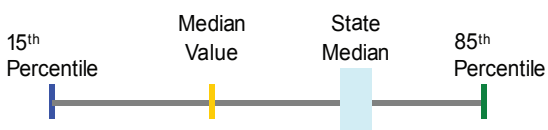
If the 15th Percentile and Median values for a hospital are equal, then only Median and 85th Percentile values are shown on the graph;

If the Median and 85th Percentile values for a hospital are equal, then only 15th Percentile and 85th Percentile values are shown on the graph;

If only the 85th Percentile value is shown for a hospital, then the 15th Percentile, Median, and 85th Percentile values are equal.

Refer to the hospital-specific data table to see all cost values for each hospital.

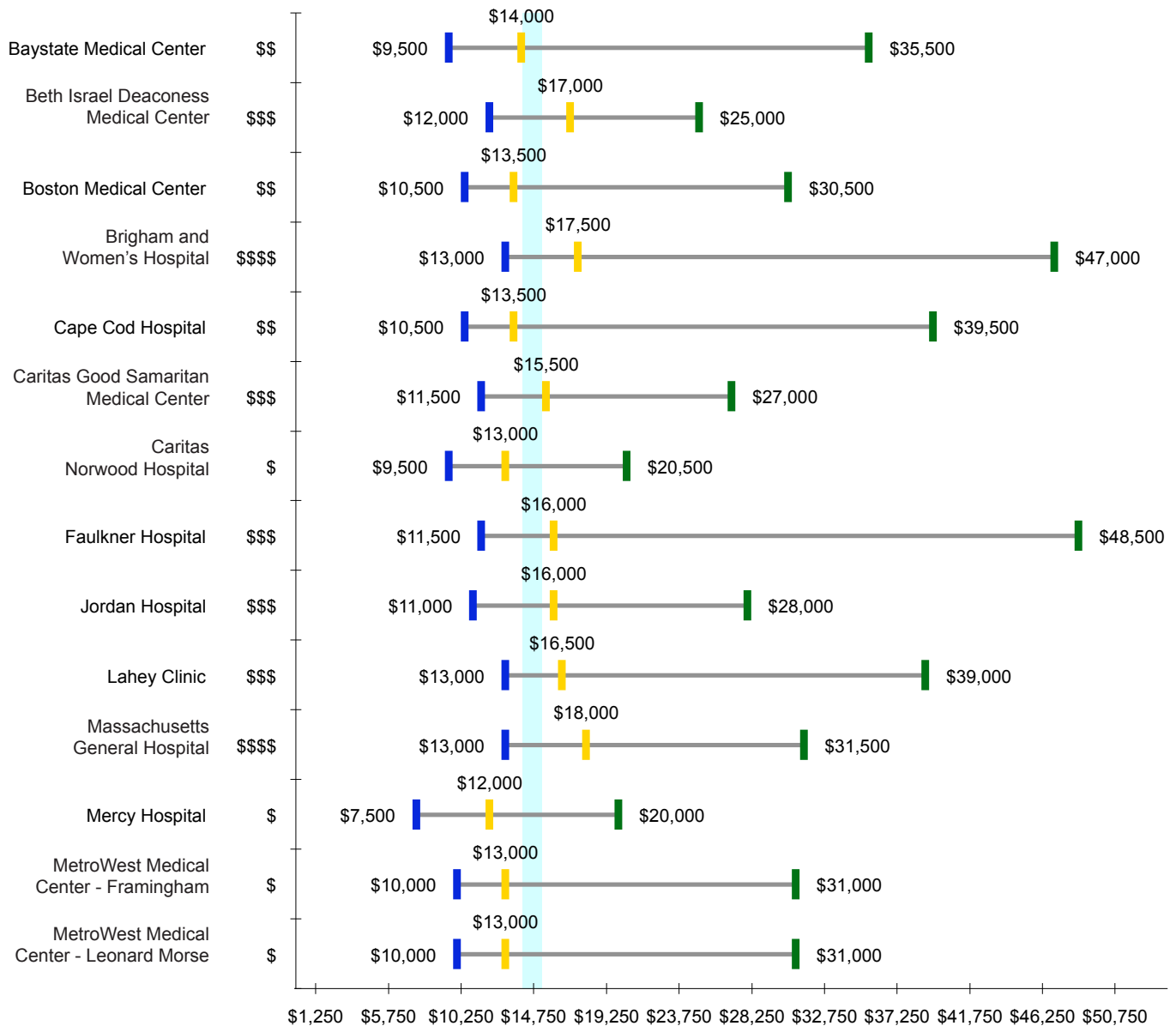
Legend



Cost Ratings

- \$ The hospital is among the least costly. This cost is lower than 85% of all hospitals in the state.
- \$\$ The hospital cost is below average. This cost is above 15% but below 50% of all hospitals in the state.
- \$\$\$ The hospital cost is above average. This cost is above 50% but below 85% of all hospitals in the state.
- \$\$\$\$ The hospital is among the most costly. This cost is higher than 85% of all hospitals in the state.

Range of Costs for Intestinal Surgery by Hospital (1 of 2)



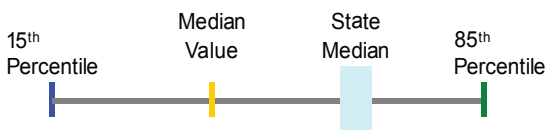
If the 15th Percentile and Median values for a hospital are equal, then only Median and 85th Percentile values are shown on the graph;

If the Median and 85th Percentile values for a hospital are equal, then only 15th Percentile and 85th Percentile values are shown on the graph;

If only the 85th Percentile value is shown for a hospital, then the 15th Percentile, Median, and 85th Percentile values are equal.

Refer to the hospital-specific data table to see all cost values for each hospital.

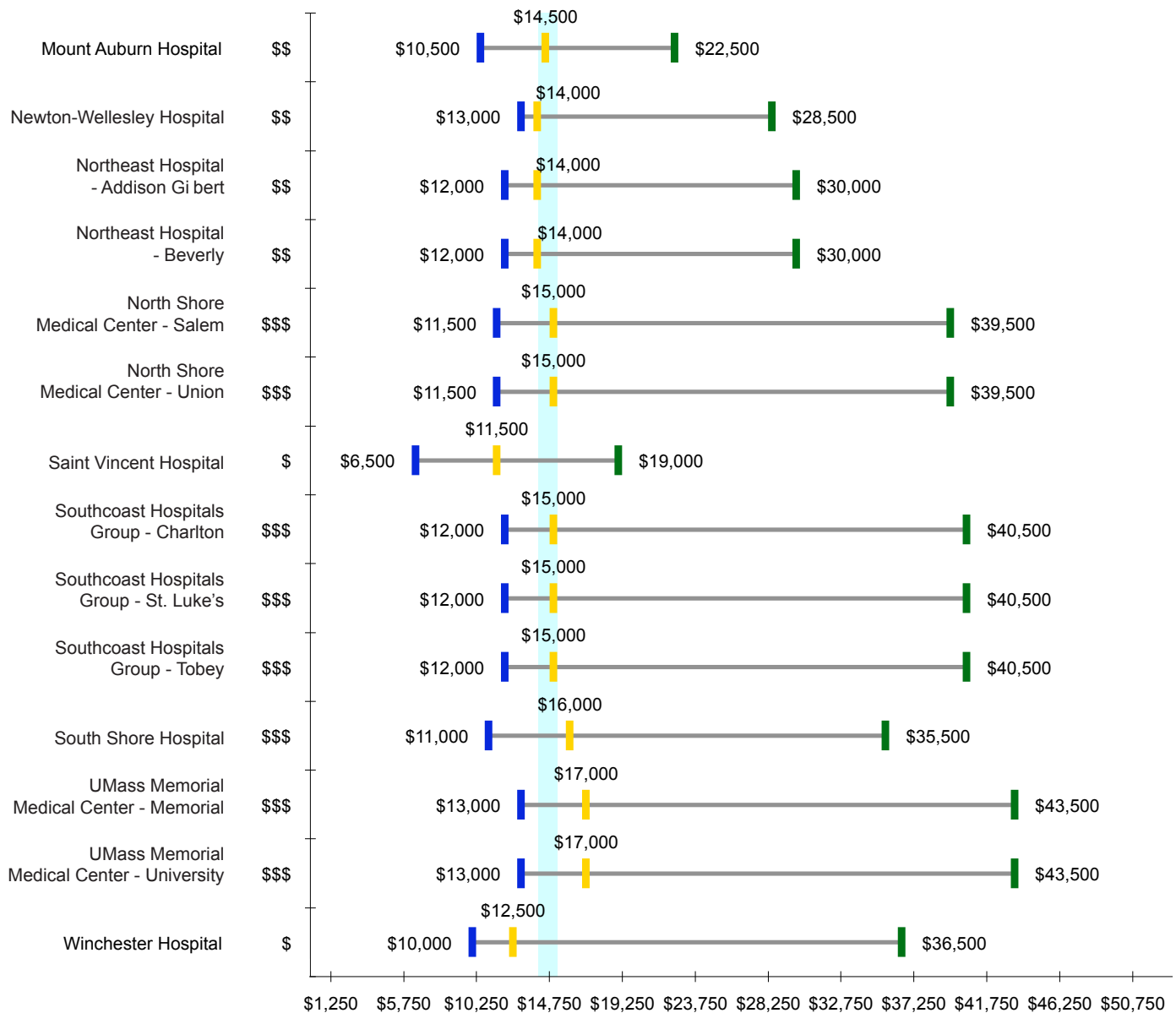
Legend



Cost Ratings

- \$ The hospital is among the least costly. This cost is lower than 85% of all hospitals in the state.
- \$\$ The hospital cost is below average. This cost is above 15% but below 50% of all hospitals in the state.
- \$\$\$ The hospital cost is above average. This cost is above 50% but below 85% of all hospitals in the state.
- \$\$\$\$ The hospital is among the most costly. This cost is higher than 85% of all hospitals in the state.

Range of Costs for Intestinal Surgery by Hospital (2 of 2)



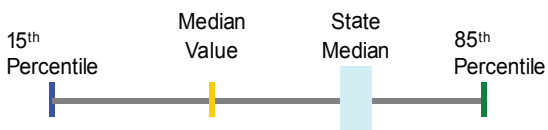
If the 15th Percentile and Median values for a hospital are equal, then only Median and 85th Percentile values are shown on the graph;

If the Median and 85th Percentile values for a hospital are equal, then only 15th Percentile and 85th Percentile values are shown on the graph;

If only the 85th Percentile value is shown for a hospital, then the 15th Percentile, Median, and 85th Percentile values are equal.

Refer to the hospital-specific data table to see all cost values for each hospital.

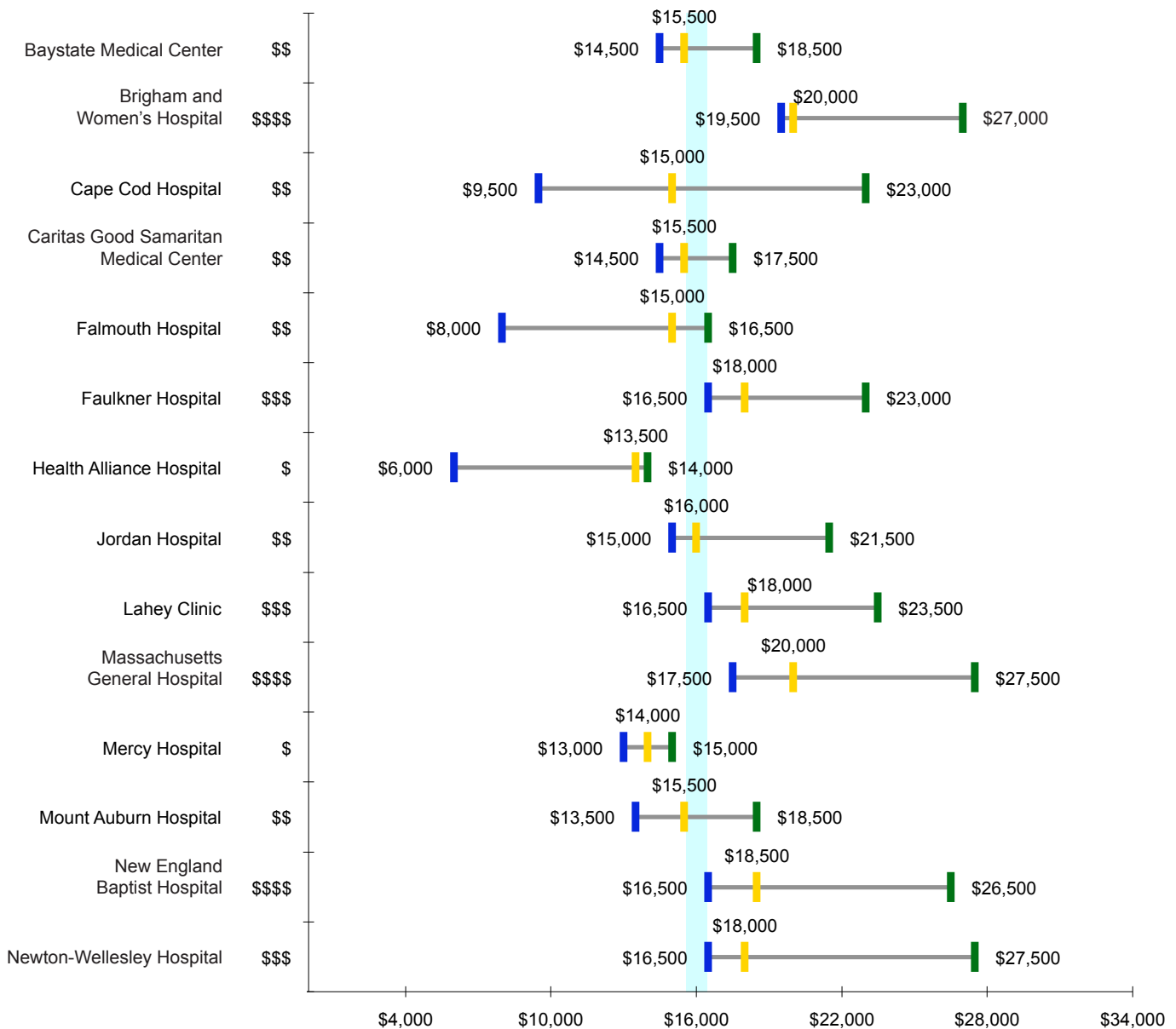
Legend



Cost Ratings

- \$ The hospital is among the least costly. This cost is lower than 85% of all hospitals in the state.
- \$\$ The hospital cost is below average. This cost is above 15% but below 50% of all hospitals in the state.
- \$\$\$ The hospital cost is above average. This cost is above 50% but below 85% of all hospitals in the state.
- \$\$\$\$ The hospital is among the most costly. This cost is higher than 85% of all hospitals in the state.

Range of Costs for Knee Replacement by Hospital (1 of 2)



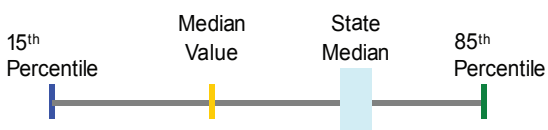
If the 15th Percentile and Median values for a hospital are equal, then only Median and 85th Percentile values are shown on the graph;

If the Median and 85th Percentile values for a hospital are equal, then only 15th Percentile and 85th Percentile values are shown on the graph;

If only the 85th Percentile value is shown for a hospital, then the 15th Percentile, Median, and 85th Percentile values are equal.

Refer to the hospital-specific data table to see all cost values for each hospital.

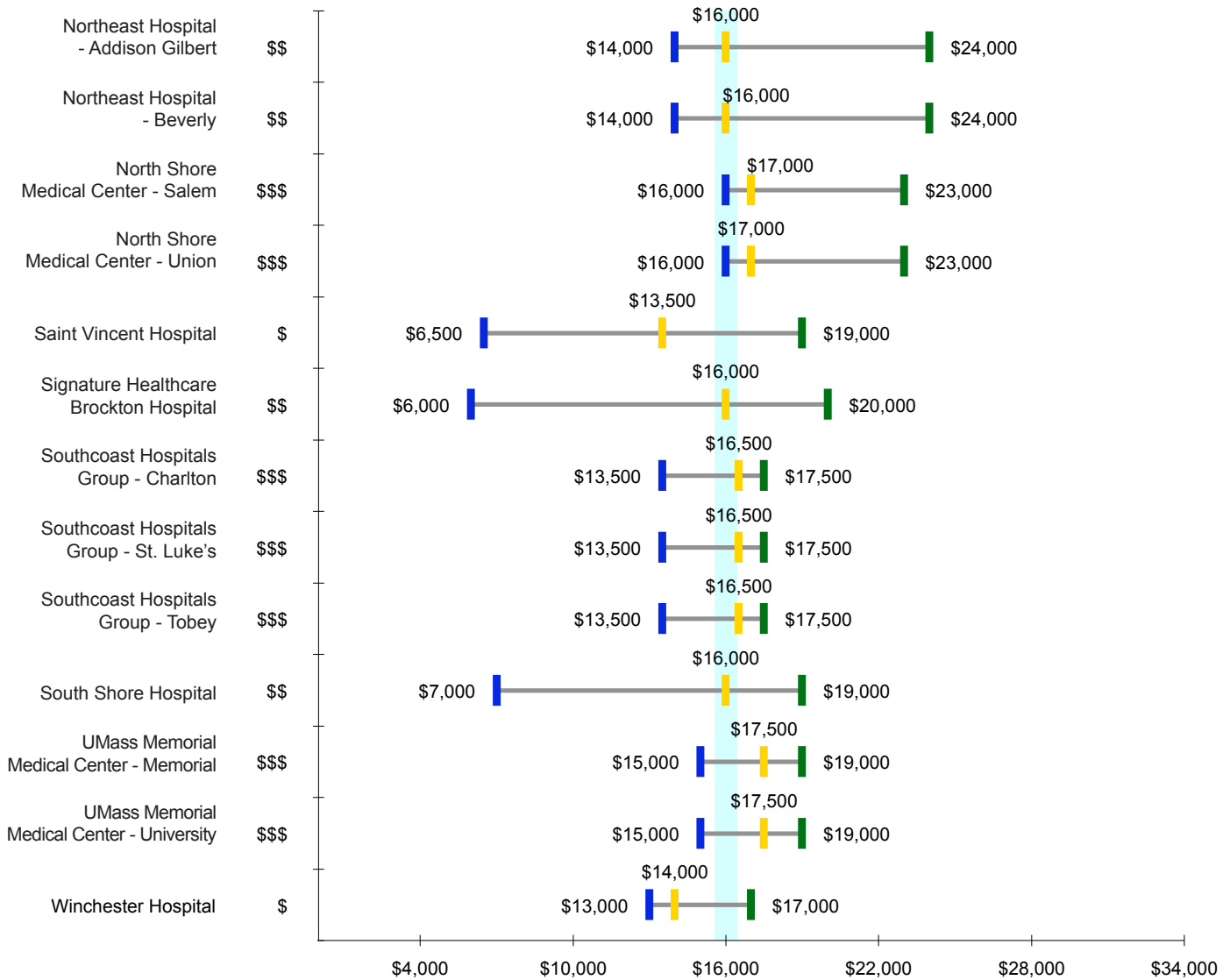
Legend



Cost Ratings

- \$ The hospital is among the least costly. This cost is lower than 85% of all hospitals in the state.
- \$\\$ The hospital cost is below average. This cost is above 15% but below 50% of all hospitals in the state.
- \$\$\$ The hospital cost is above average. This cost is above 50% but below 85% of all hospitals in the state.
- \$\$\$\$ The hospital is among the most costly. This cost is higher than 85% of all hospitals in the state.

Range of Costs for Knee Replacement by Hospital (2 of 2)



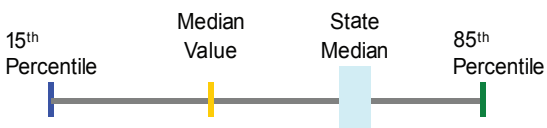
If the 15th Percentile and Median values for a hospital are equal, then only Median and 85th Percentile values are shown on the graph;

If the Median and 85th Percentile values for a hospital are equal, then only 15th Percentile and 85th Percentile values are shown on the graph;

If only the 85th Percentile value is shown for a hospital, then the 15th Percentile, Median, and 85th Percentile values are equal.

Refer to the hospital-specific data table to see all cost values for each hospital.

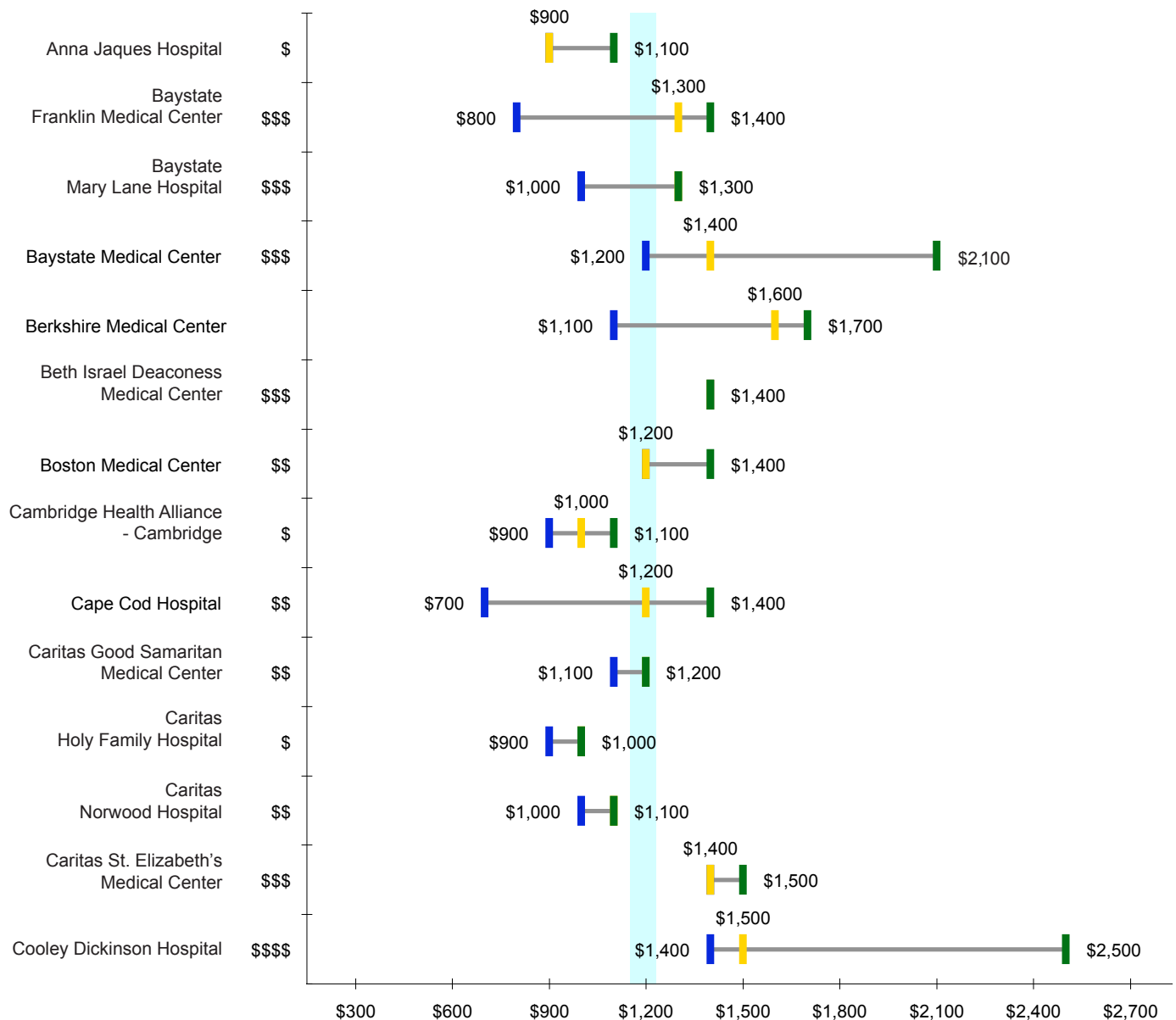
Legend



Cost Ratings

- \$ The hospital is among the least costly. This cost is lower than 85% of all hospitals in the state.
- \$\$ The hospital cost is below average. This cost is above 15% but below 50% of all hospitals in the state.
- \$\$\$ The hospital cost is above average. This cost is above 50% but below 85% of all hospitals in the state.
- \$\$\$\$ The hospital is among the most costly. This cost is higher than 85% of all hospitals in the state.

Range of Costs for Normal Newborn by Hospital (1 of 4)



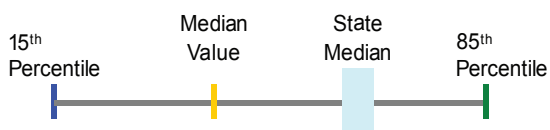
If the 15th Percentile and Median values for a hospital are equal, then only Median and 85th Percentile values are shown on the graph;

If the Median and 85th Percentile values for a hospital are equal, then only 15th Percentile and 85th Percentile values are shown on the graph;

If only the 85th Percentile value is shown for a hospital, then the 15th Percentile, Median, and 85th Percentile values are equal.

Refer to the hospital-specific data table to see all cost values for each hospital.

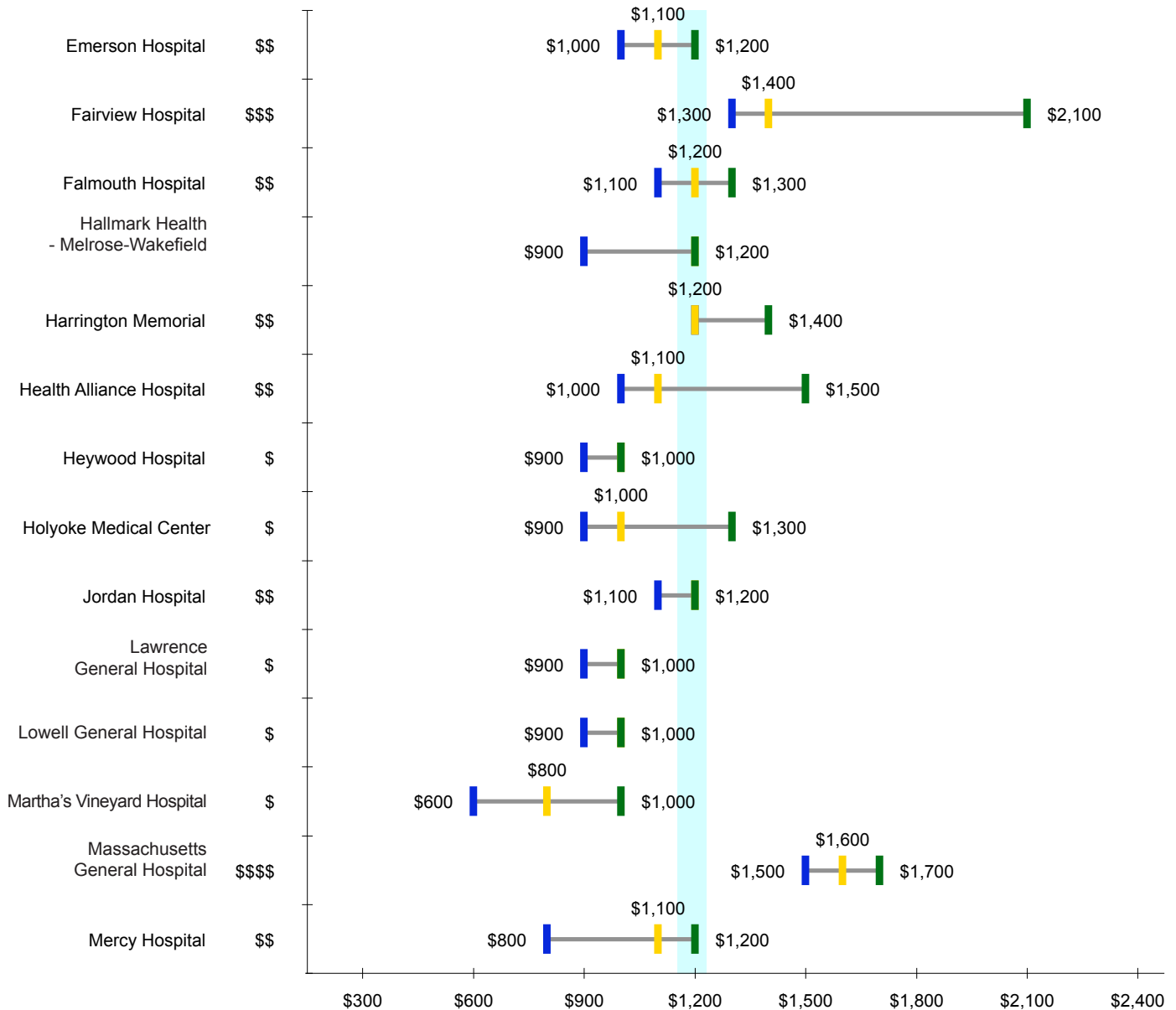
Legend



Cost Ratings

- \$ The hospital is among the least costly. This cost is lower than 85% of all hospitals in the state.
- \$\$ The hospital cost is below average. This cost is above 15% but below 50% of all hospitals in the state.
- \$\$\$ The hospital cost is above average. This cost is above 50% but below 85% of all hospitals in the state.
- \$\$\$\$ The hospital is among the most costly. This cost is higher than 85% of all hospitals in the state.

Range of Costs for Normal Newborn by Hospital (2 of 4)



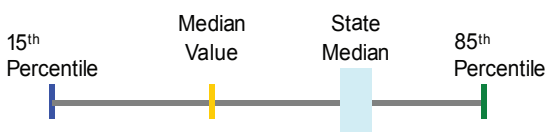
If the 15th Percentile and Median values for a hospital are equal, then only Median and 85th Percentile values are shown on the graph;

If the Median and 85th Percentile values for a hospital are equal, then only 15th Percentile and 85th Percentile values are shown on the graph;

If only the 85th Percentile value is shown for a hospital, then the 15th Percentile, Median, and 85th Percentile values are equal.

Refer to the hospital-specific data table to see all cost values for each hospital.

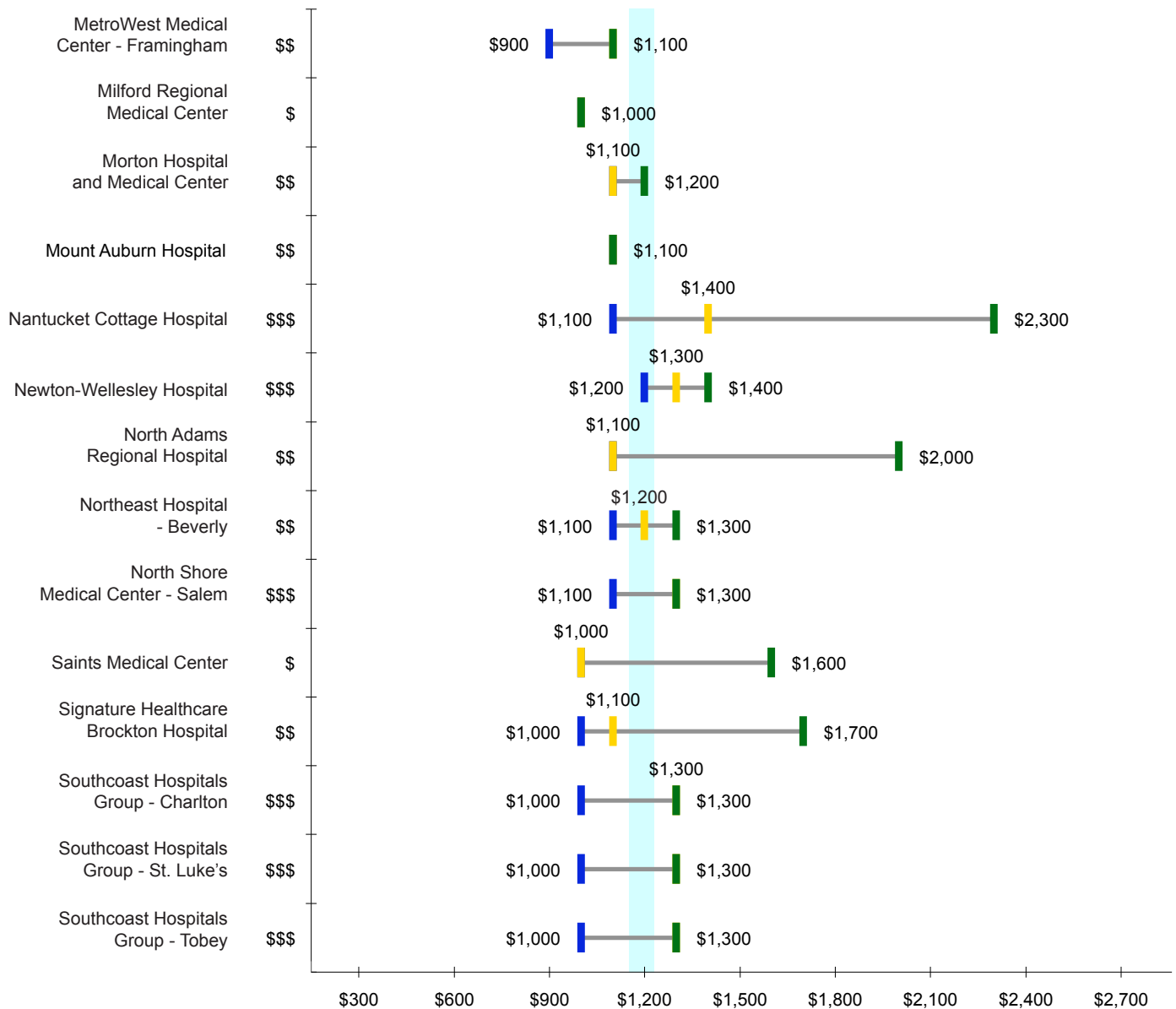
Legend



Cost Ratings

- \$ The hospital is among the least costly. This cost is lower than 85% of all hospitals in the state.
- \$\$ The hospital cost is below average. This cost is above 15% but below 50% of all hospitals in the state.
- \$\$\$ The hospital cost is above average. This cost is above 50% but below 85% of all hospitals in the state.
- \$\$\$\$ The hospital is among the most costly. This cost is higher than 85% of all hospitals in the state.

Range of Costs for Normal Newborn by Hospital (3 of 4)



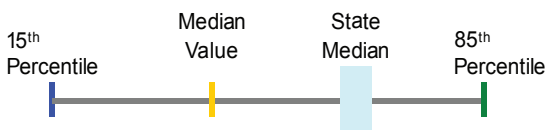
If the 15th Percentile and Median values for a hospital are equal, then only Median and 85th Percentile values are shown on the graph;

If the Median and 85th Percentile values for a hospital are equal, then only 15th Percentile and 85th Percentile values are shown on the graph;

If only the 85th Percentile value is shown for a hospital, then the 15th Percentile, Median, and 85th Percentile values are equal.

Refer to the hospital-specific data table to see all cost values for each hospital.

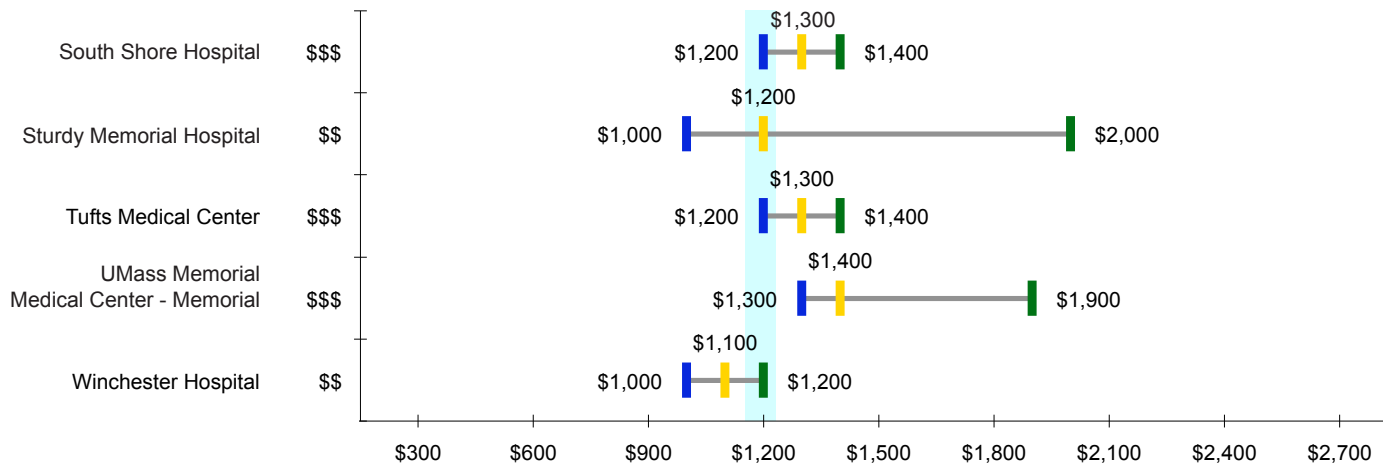
Legend



Cost Ratings

- \$ The hospital is among the least costly. This cost is lower than 85% of all hospitals in the state.
- \$\$ The hospital cost is below average. This cost is above 15% but below 50% of all hospitals in the state.
- \$\$\$ The hospital cost is above average. This cost is above 50% but below 85% of all hospitals in the state.
- \$\$\$\$ The hospital is among the most costly. This cost is higher than 85% of all hospitals in the state.

Range of Costs for Normal Newborn by Hospital (4 of 4)



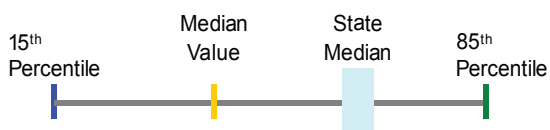
If the 15th Percentile and Median values for a hospital are equal, then only Median and 85th Percentile values are shown on the graph;

If the Median and 85th Percentile values for a hospital are equal, then only 15th Percentile and 85th Percentile values are shown on the graph;

If only the 85th Percentile value is shown for a hospital, then the 15th Percentile, Median, and 85th Percentile values are equal.

Refer to the hospital-specific data table to see all cost values for each hospital.

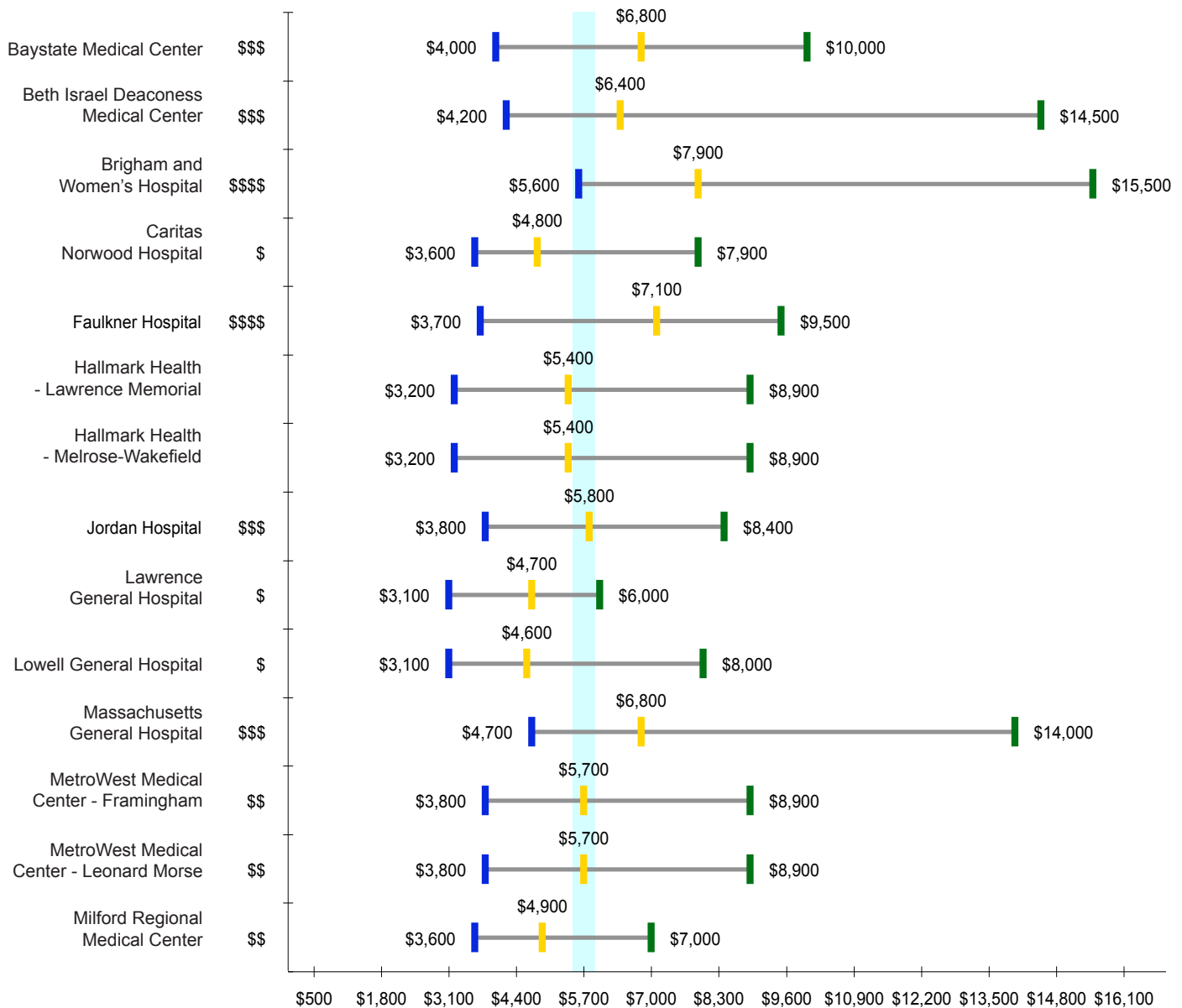
Legend



Cost Ratings

- \$ The hospital is among the least costly. This cost is lower than 85% of all hospitals in the state.
- \$\$ The hospital cost is below average. This cost is above 15% but below 50% of all hospitals in the state.
- \$\$\$ The hospital cost is above average. This cost is above 50% but below 85% of all hospitals in the state.
- \$\$\$\$ The hospital is among the most costly. This cost is higher than 85% of all hospitals in the state.

Range of Costs for Pneumonia by Hospital (1 of 2)



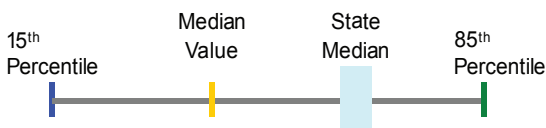
If the 15th Percentile and Median values for a hospital are equal, then only Median and 85th Percentile values are shown on the graph;

If the Median and 85th Percentile values for a hospital are equal, then only 15th Percentile and 85th Percentile values are shown on the graph;

If only the 85th Percentile value is shown for a hospital, then the 15th Percentile, Median, and 85th Percentile values are equal.

Refer to the hospital-specific data table to see all cost values for each hospital.

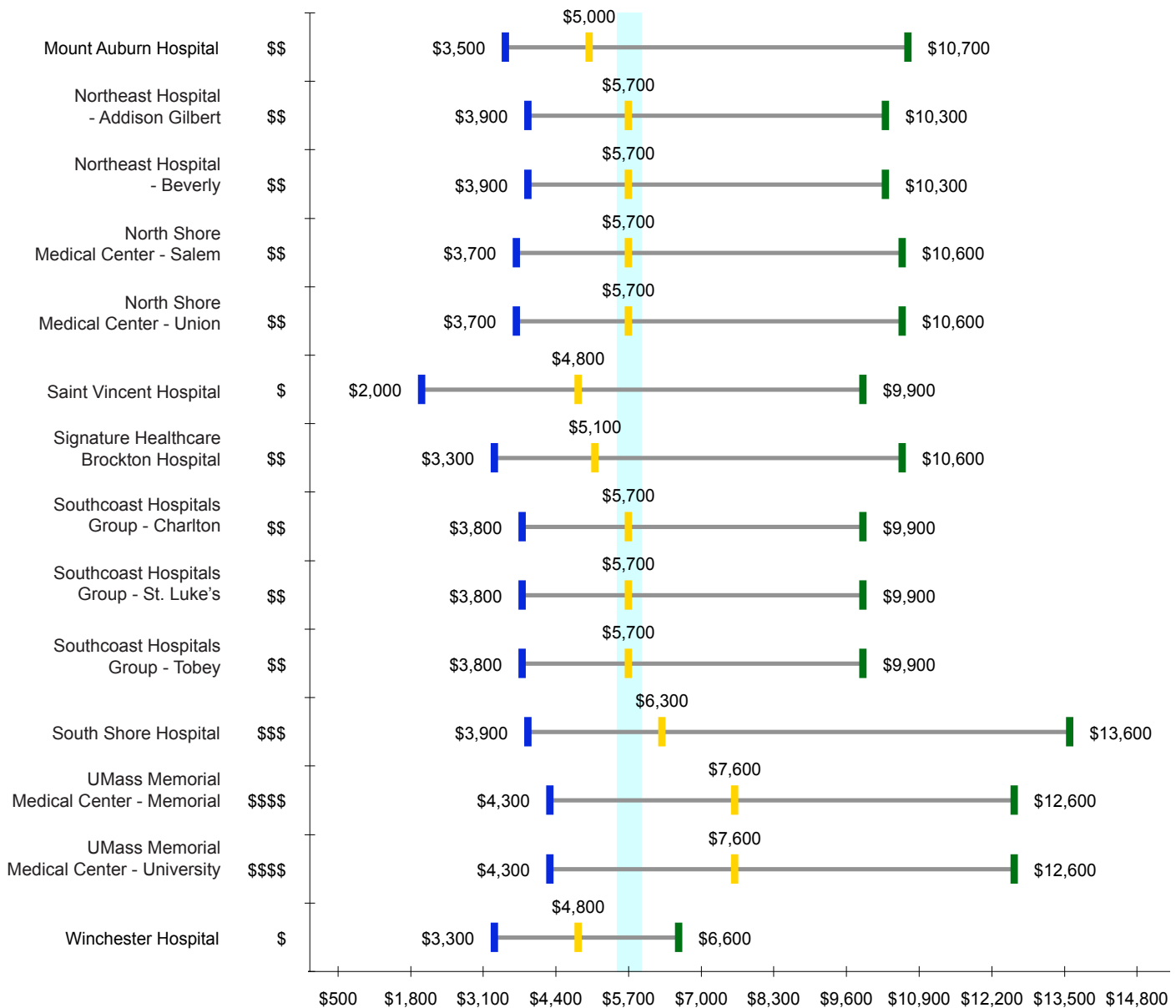
Legend



Cost Ratings

- \$ The hospital is among the least costly. This cost is lower than 85% of all hospitals in the state.
- \$\$ The hospital cost is below average. This cost is above 15% but below 50% of all hospitals in the state.
- \$\$\$ The hospital cost is above average. This cost is above 50% but below 85% of all hospitals in the state.
- \$\$\$\$ The hospital is among the most costly. This cost is higher than 85% of all hospitals in the state.

Range of Costs for Pneumonia by Hospital (2 of 2)



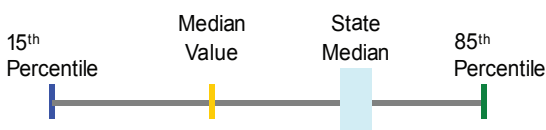
If the 15th Percentile and Median values for a hospital are equal, then only Median and 85th Percentile values are shown on the graph;

If the Median and 85th Percentile values for a hospital are equal, then only 15th Percentile and 85th Percentile values are shown on the graph;

If only the 85th Percentile value is shown for a hospital, then the 15th Percentile, Median, and 85th Percentile values are equal.

Refer to the hospital-specific data table to see all cost values for each hospital.

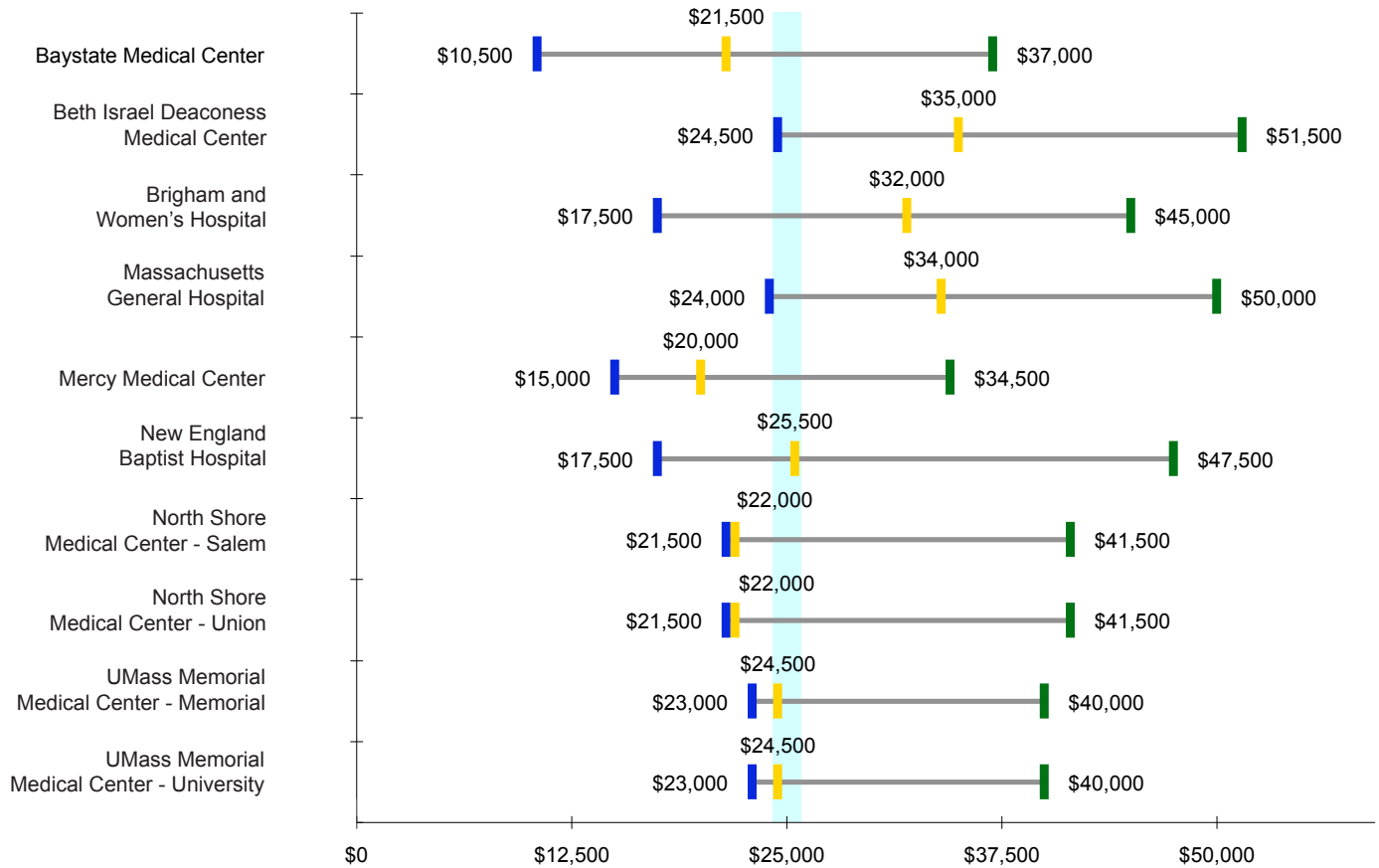
Legend



Cost Ratings

- \$ The hospital is among the least costly. This cost is lower than 85% of all hospitals in the state.
- \$\$ The hospital cost is below average. This cost is above 15% but below 50% of all hospitals in the state.
- \$\$\$ The hospital cost is above average. This cost is above 50% but below 85% of all hospitals in the state.
- \$\$\$\$ The hospital is among the most costly. This cost is higher than 85% of all hospitals in the state.

Range of Costs for Spinal Fusion[‡] by Hospital



[‡] There are no cost ratings for this procedure.

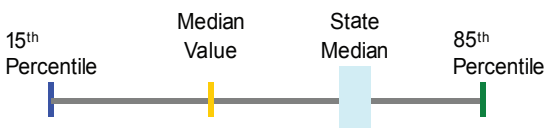
If the 15th Percentile and Median values for a hospital are equal, then only Median and 85th Percentile values are shown on the graph;

If the Median and 85th Percentile values for a hospital are equal, then only 15th Percentile and 85th Percentile values are shown on the graph;

If only the 85th Percentile value is shown for a hospital, then the 15th Percentile, Median, and 85th Percentile values are equal.

Refer to the hospital-specific data table to see all cost values for each hospital.

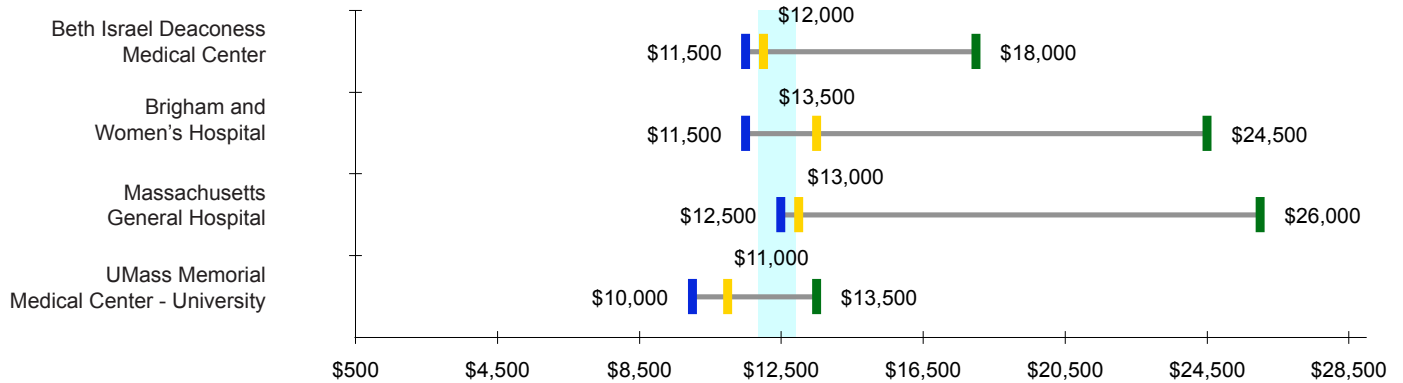
Legend



Cost Ratings

- \$ The hospital is among the least costly. This cost is lower than 85% of all hospitals in the state.
- \$\$ The hospital cost is below average. This cost is above 15% but below 50% of all hospitals in the state.
- \$\$\$ The hospital cost is above average. This cost is above 50% but below 85% of all hospitals in the state.
- \$\$\$\$ The hospital is among the most costly. This cost is higher than 85% of all hospitals in the state.

Range of Costs for Stroke‡ by Hospital



‡ There are no cost ratings for this procedure.

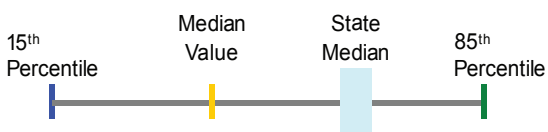
If the 15th Percentile and Median values for a hospital are equal, then only Median and 85th Percentile values are shown on the graph;

If the Median and 85th Percentile values for a hospital are equal, then only 15th Percentile and 85th Percentile values are shown on the graph;

If only the 85th Percentile value is shown for a hospital, then the 15th Percentile, Median, and 85th Percentile values are equal.

Refer to the hospital-specific data table to see all cost values for each hospital.

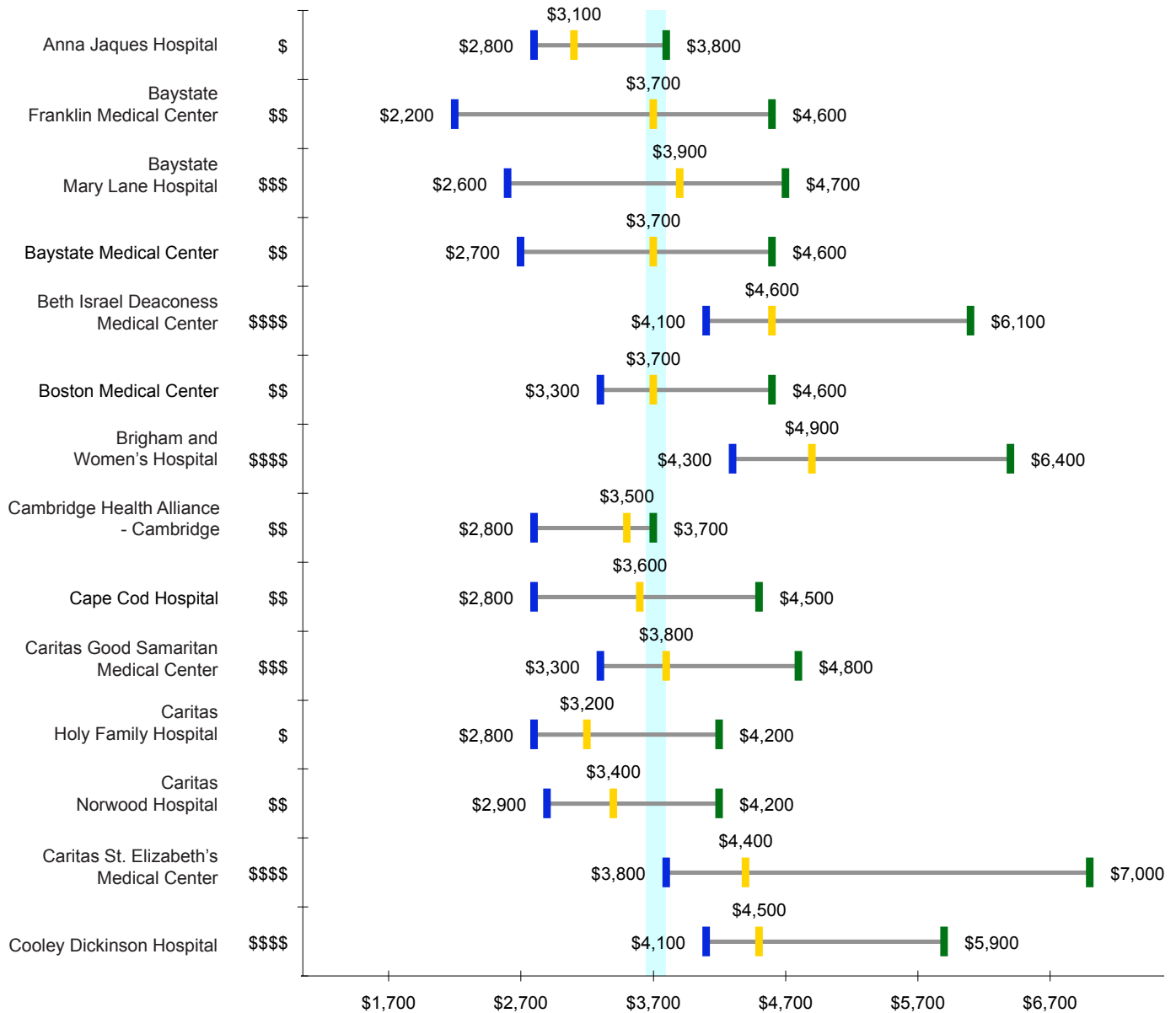
Legend



Cost Ratings

- \$ The hospital is among the least costly. This cost is lower than 85% of all hospitals in the state.
- \$\$ The hospital cost is below average. This cost is above 15% but below 50% of all hospitals in the state.
- \$\$\$ The hospital cost is above average. This cost is above 50% but below 85% of all hospitals in the state.
- \$\$\$\$ The hospital is among the most costly. This cost is higher than 85% of all hospitals in the state.

Range of Costs for Vaginal Delivery by Hospital (1 of 4)



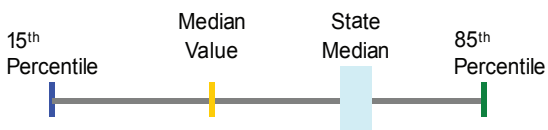
If the 15th Percentile and Median values for a hospital are equal, then only Median and 85th Percentile values are shown on the graph;

If the Median and 85th Percentile values for a hospital are equal, then only 15th Percentile and 85th Percentile values are shown on the graph;

If only the 85th Percentile value is shown for a hospital, then the 15th Percentile, Median, and 85th Percentile values are equal.

Refer to the hospital-specific data table to see all cost values for each hospital.

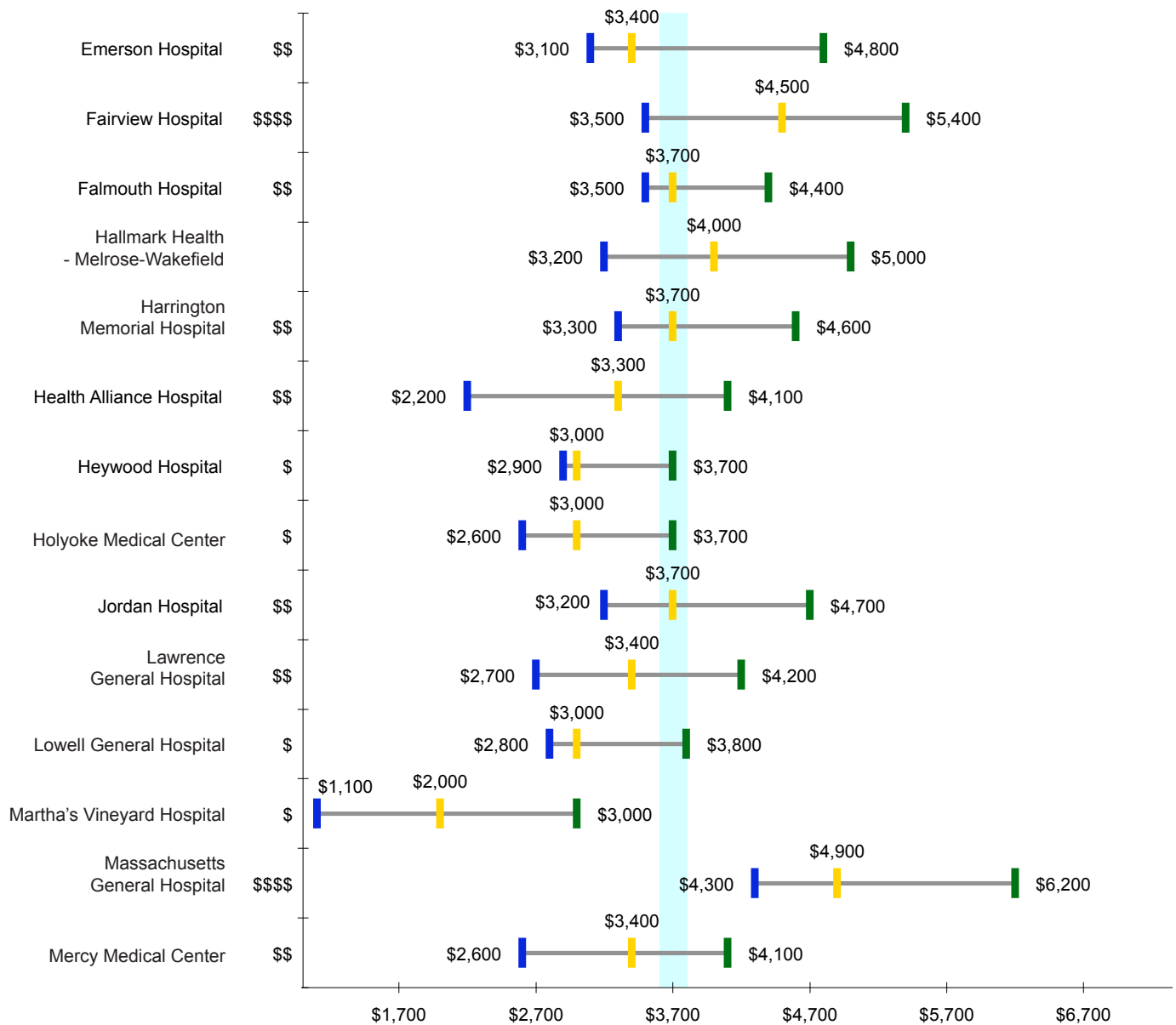
Legend



Cost Ratings

- \$ The hospital is among the least costly. This cost is lower than 85% of all hospitals in the state.
- \$\$ The hospital cost is below average. This cost is above 15% but below 50% of all hospitals in the state.
- \$\$\$ The hospital cost is above average. This cost is above 50% but below 85% of all hospitals in the state.
- \$\$\$\$ The hospital is among the most costly. This cost is higher than 85% of all hospitals in the state.

Range of Costs for Vaginal Delivery by Hospital (2 of 4)



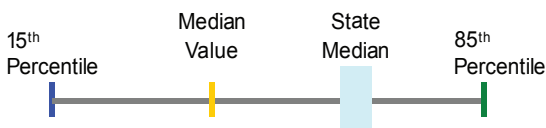
If the 15th Percentile and Median values for a hospital are equal, then only Median and 85th Percentile values are shown on the graph;

If the Median and 85th Percentile values for a hospital are equal, then only 15th Percentile and 85th Percentile values are shown on the graph;

If only the 85th Percentile value is shown for a hospital, then the 15th Percentile, Median, and 85th Percentile values are equal.

Refer to the hospital-specific data table to see all cost values for each hospital.

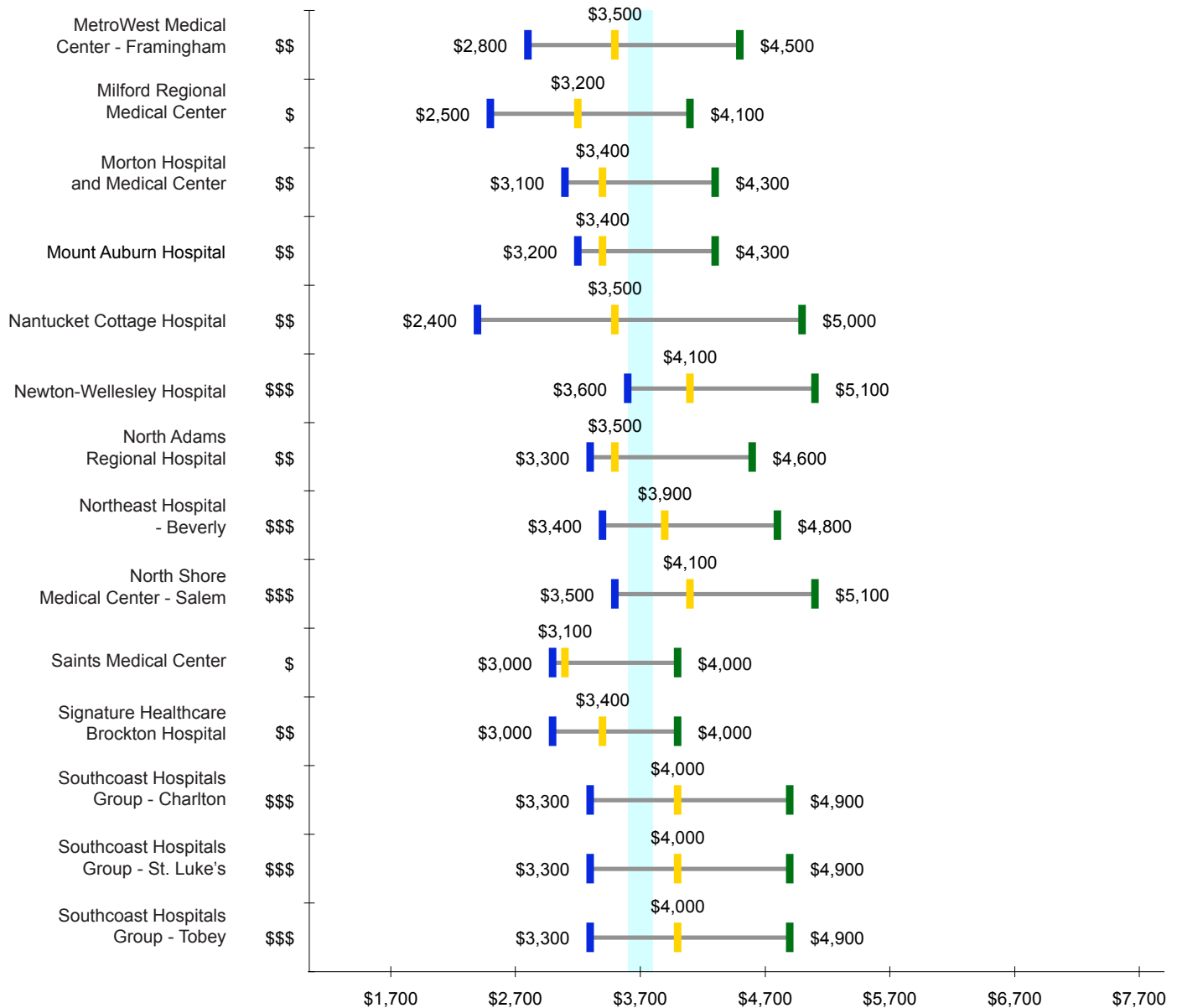
Legend



Cost Ratings

- \$ The hospital is among the least costly. This cost is lower than 85% of all hospitals in the state.
- \$\$ The hospital cost is below average. This cost is above 15% but below 50% of all hospitals in the state.
- \$\$\$ The hospital cost is above average. This cost is above 50% but below 85% of all hospitals in the state.
- \$\$\$\$ The hospital is among the most costly. This cost is higher than 85% of all hospitals in the state.

Range of Costs for Vaginal Delivery by Hospital (3 of 4)



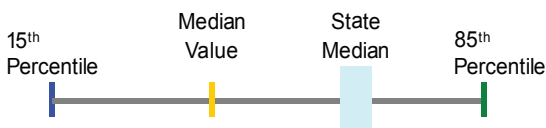
If the 15th Percentile and Median values for a hospital are equal, then only Median and 85th Percentile values are shown on the graph;

If the Median and 85th Percentile values for a hospital are equal, then only 15th Percentile and 85th Percentile values are shown on the graph;

If only the 85th Percentile value is shown for a hospital, then the 15th Percentile, Median, and 85th Percentile values are equal.

Refer to the hospital-specific data table to see all cost values for each hospital.

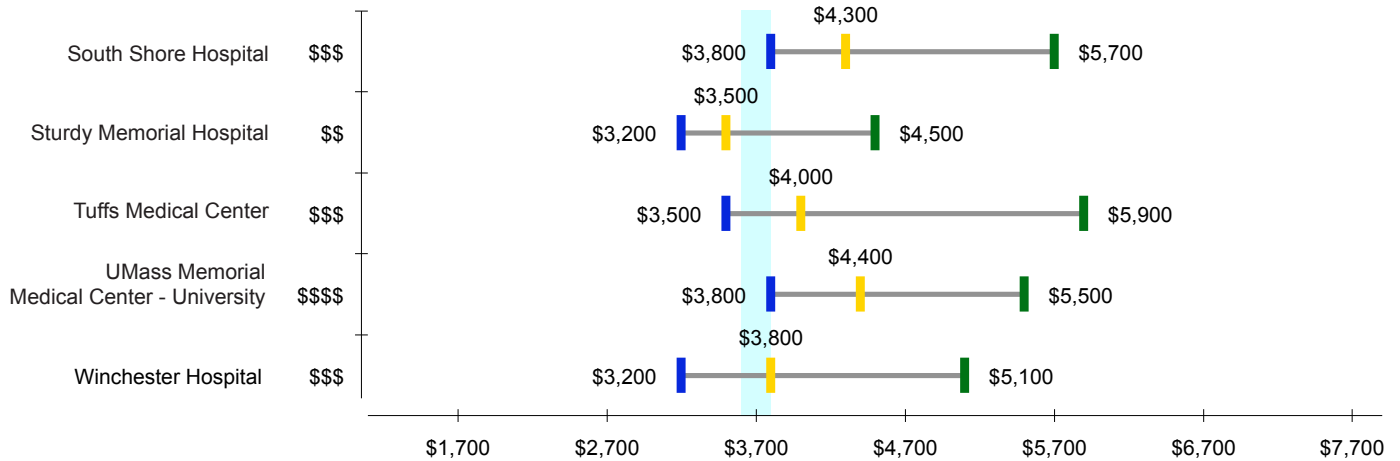
Legend



Cost Ratings

- \$ The hospital is among the least costly. This cost is lower than 85% of all hospitals in the state.
- \$\$ The hospital cost is below average. This cost is above 15% but below 50% of all hospitals in the state.
- \$\$\$ The hospital cost is above average. This cost is above 50% but below 85% of all hospitals in the state.
- \$\$\$\$ The hospital is among the most costly. This cost is higher than 85% of all hospitals in the state.

Range of Costs for Vaginal Delivery by Hospital (4 of 4)



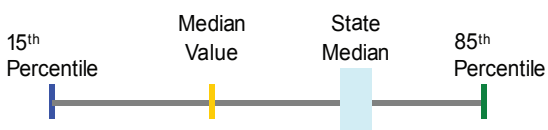
If the 15th Percentile and Median values for a hospital are equal, then only Median and 85th Percentile values are shown on the graph;

If the Median and 85th Percentile values for a hospital are equal, then only 15th Percentile and 85th Percentile values are shown on the graph;

If only the 85th Percentile value is shown for a hospital, then the 15th Percentile, Median, and 85th Percentile values are equal.

Refer to the hospital-specific data table to see all cost values for each hospital.

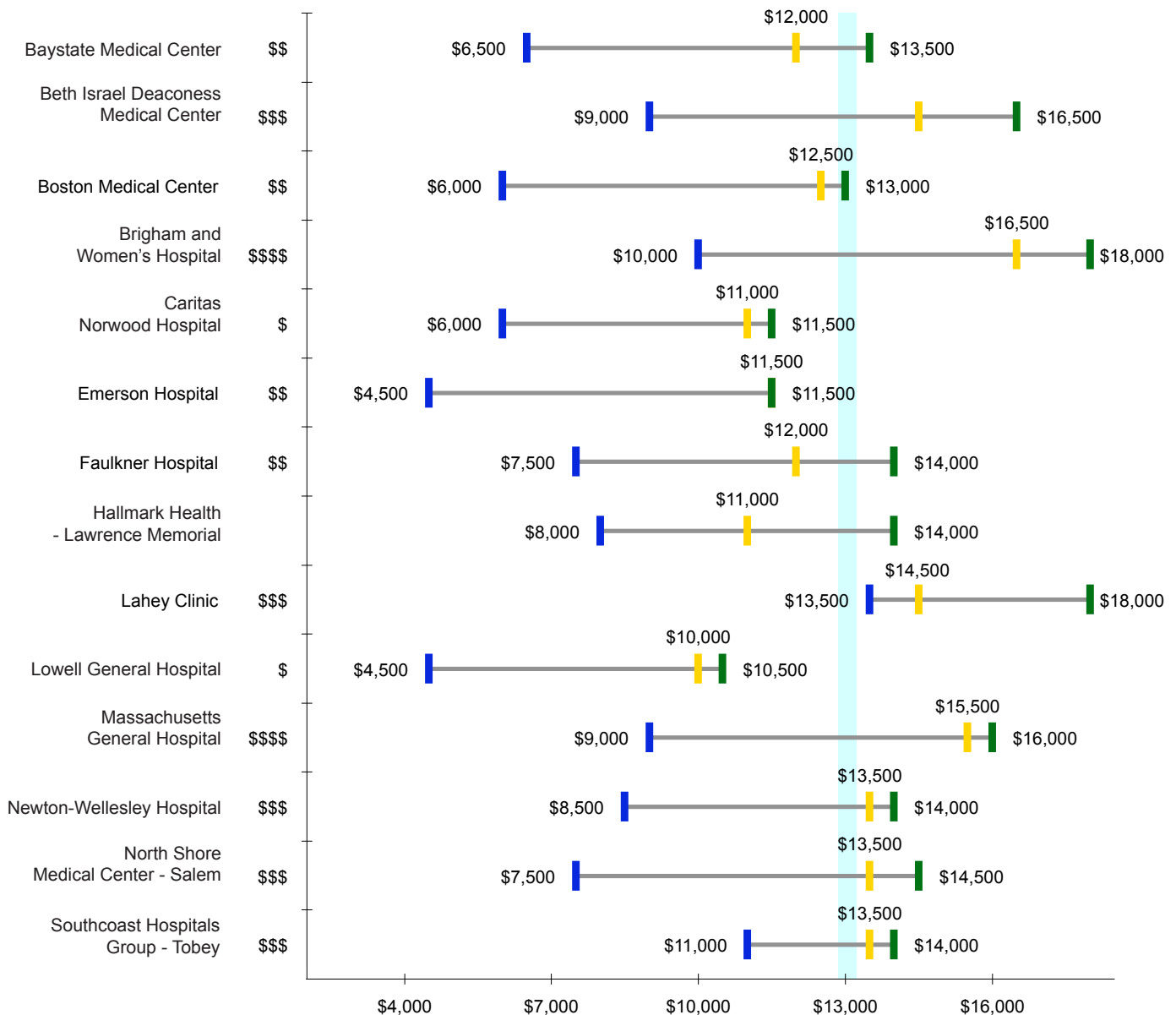
Legend



Cost Ratings

- \$ The hospital is among the least costly. This cost is lower than 85% of all hospitals in the state.
- \$\$ The hospital cost is below average. This cost is above 15% but below 50% of all hospitals in the state.
- \$\$\$ The hospital cost is above average. This cost is above 50% but below 85% of all hospitals in the state.
- \$\$\$\$ The hospital is among the most costly. This cost is higher than 85% of all hospitals in the state.

Range of Costs for Weight Loss Surgery by Hospital (1 of 2)



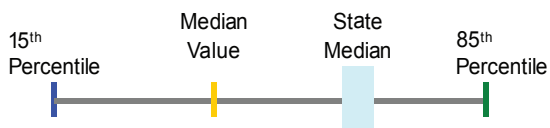
If the 15th Percentile and Median values for a hospital are equal, then only Median and 85th Percentile values are shown on the graph;

If the Median and 85th Percentile values for a hospital are equal, then only 15th Percentile and 85th Percentile values are shown on the graph;

If only the 85th Percentile value is shown for a hospital, then the 15th Percentile, Median, and 85th Percentile values are equal.

Refer to the hospital-specific data table to see all cost values for each hospital.

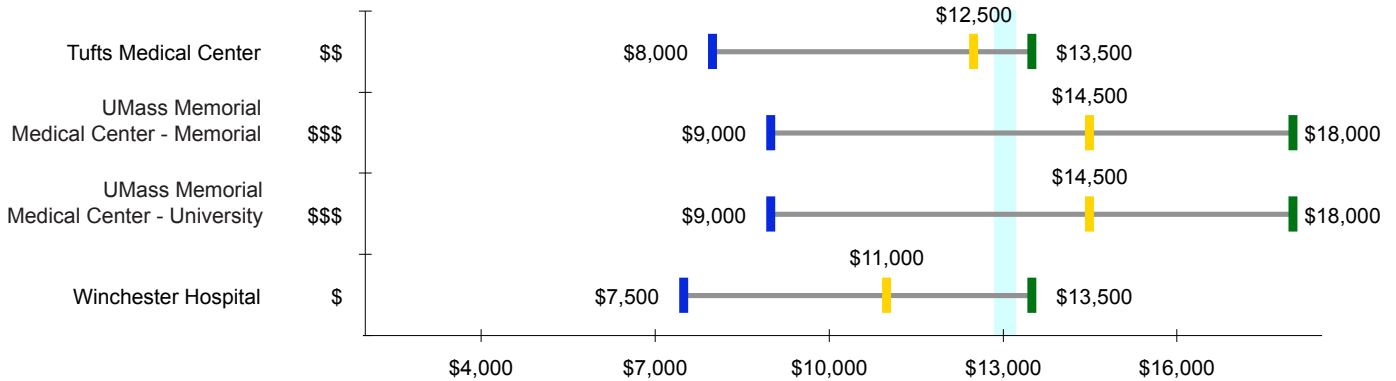
Legend



Cost Ratings

- \$ The hospital is among the least costly. This cost is lower than 85% of all hospitals in the state.
- \$\$ The hospital cost is below average. This cost is above 15% but below 50% of all hospitals in the state.
- \$\$\$ The hospital cost is above average. This cost is above 50% but below 85% of all hospitals in the state.
- \$\$\$\$ The hospital is among the most costly. This cost is higher than 85% of all hospitals in the state.

Range of Costs for Weight Loss Surgery by Hospital (2 of 2)



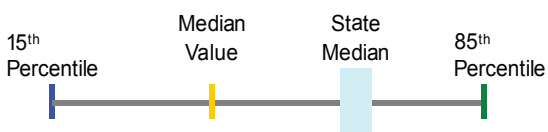
If the 15th Percentile and Median values for a hospital are equal, then only Median and 85th Percentile values are shown on the graph;

If the Median and 85th Percentile values for a hospital are equal, then only 15th Percentile and 85th Percentile values are shown on the graph;

If only the 85th Percentile value is shown for a hospital, then the 15th Percentile, Median, and 85th Percentile values are equal.

Refer to the hospital-specific data table to see all cost values for each hospital.

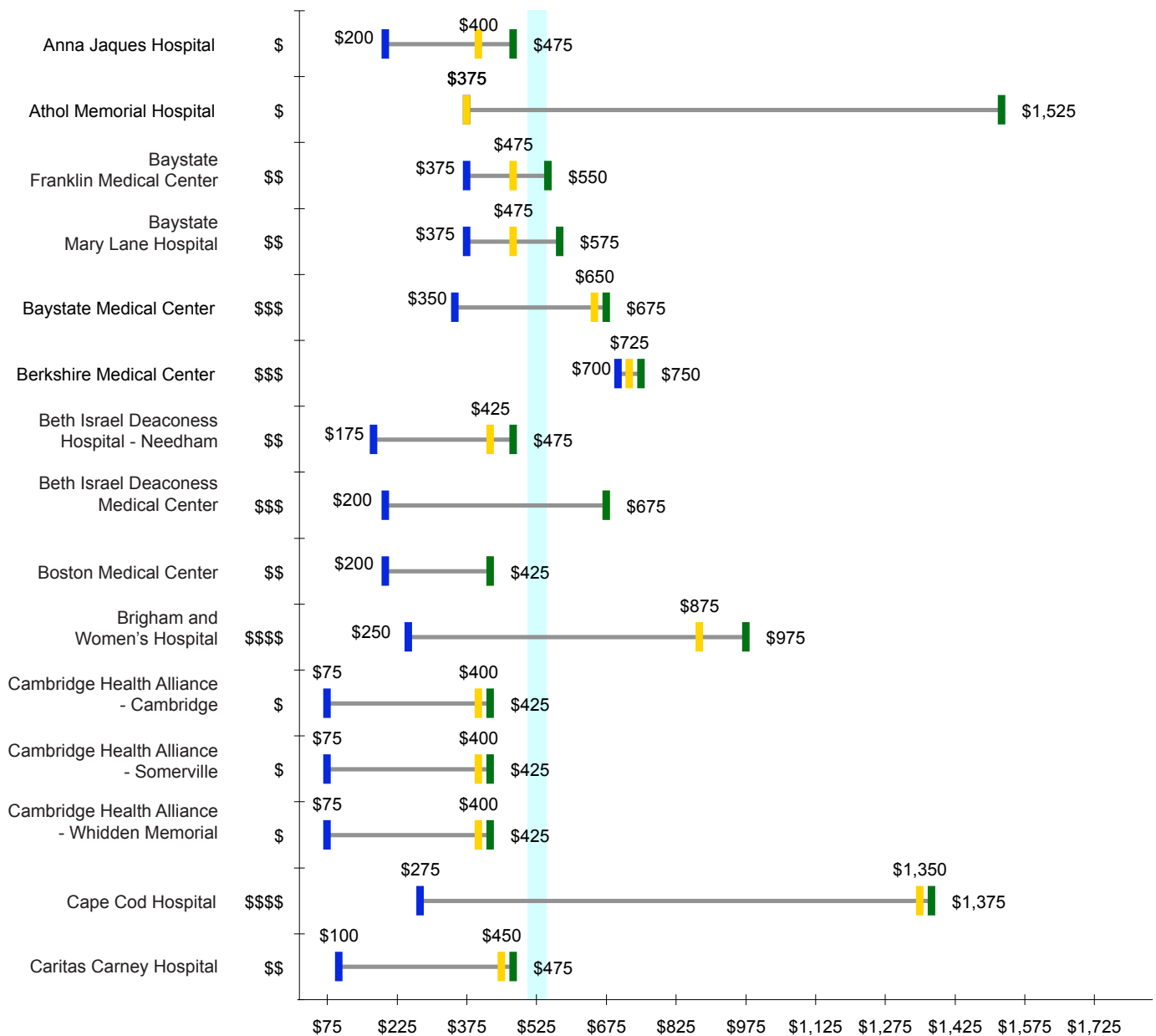
Legend



Cost Ratings

- \$ The hospital is among the least costly. This cost is lower than 85% of all hospitals in the state.
- \$\$ The hospital cost is below average. This cost is above 15% but below 50% of all hospitals in the state.
- \$\$\$ The hospital cost is above average. This cost is above 50% but below 85% of all hospitals in the state.
- \$\$\$\$ The hospital is among the most costly. This cost is higher than 85% of all hospitals in the state.

Range of Costs for CT Scan of Abdomen with Contrast by Hospital (1 of 5)



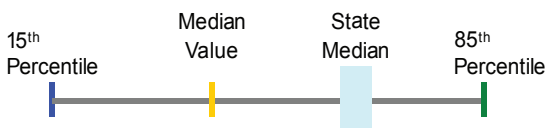
If the 15th Percentile and Median values for a hospital are equal, then only Median and 85th Percentile values are shown on the graph;

If the Median and 85th Percentile values for a hospital are equal, then only 15th Percentile and 85th Percentile values are shown on the graph;

If only the 85th Percentile value is shown for a hospital, then the 15th Percentile, Median, and 85th Percentile values are equal.

Refer to the hospital-specific data table to see all cost values for each hospital.

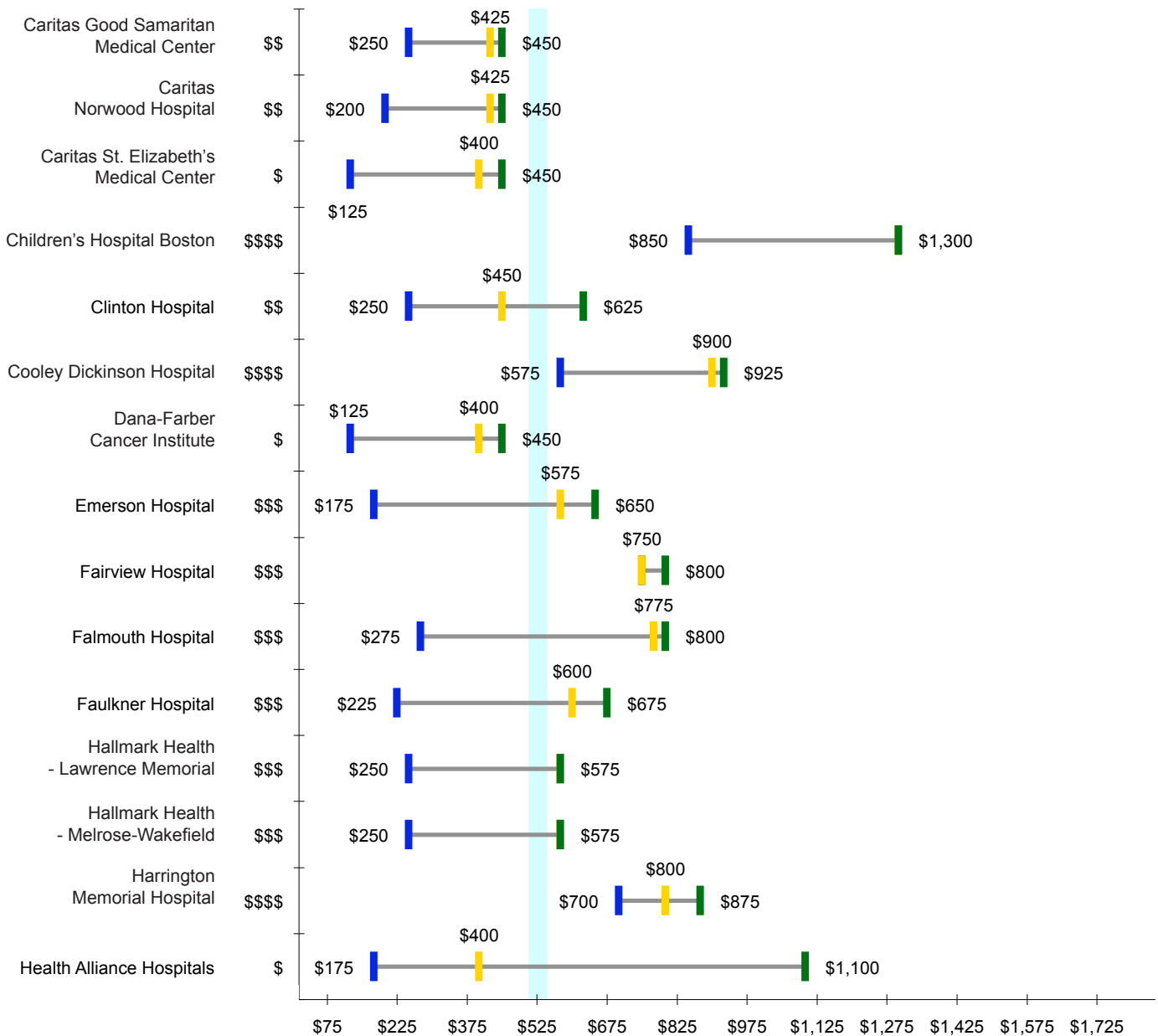
Legend



Cost Ratings

- \$ The hospital is among the least costly. This cost is lower than 85% of all hospitals in the state.
- \$\$ The hospital cost is below average. This cost is above 15% but below 50% of all hospitals in the state.
- \$\$\$ The hospital cost is above average. This cost is above 50% but below 85% of all hospitals in the state.
- \$\$\$\$ The hospital is among the most costly. This cost is higher than 85% of all hospitals in the state.

Range of Costs for CT Scan of Abdomen with Contrast by Hospital (2 of 5)



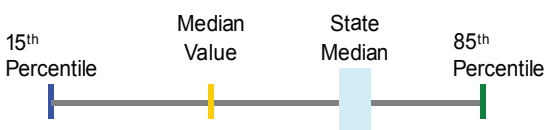
If the 15th Percentile and Median values for a hospital are equal, then only Median and 85th Percentile values are shown on the graph;

If the Median and 85th Percentile values for a hospital are equal, then only 15th Percentile and 85th Percentile values are shown on the graph;

If only the 85th Percentile value is shown for a hospital, then the 15th Percentile, Median, and 85th Percentile values are equal.

Refer to the hospital-specific data table to see all cost values for each hospital.

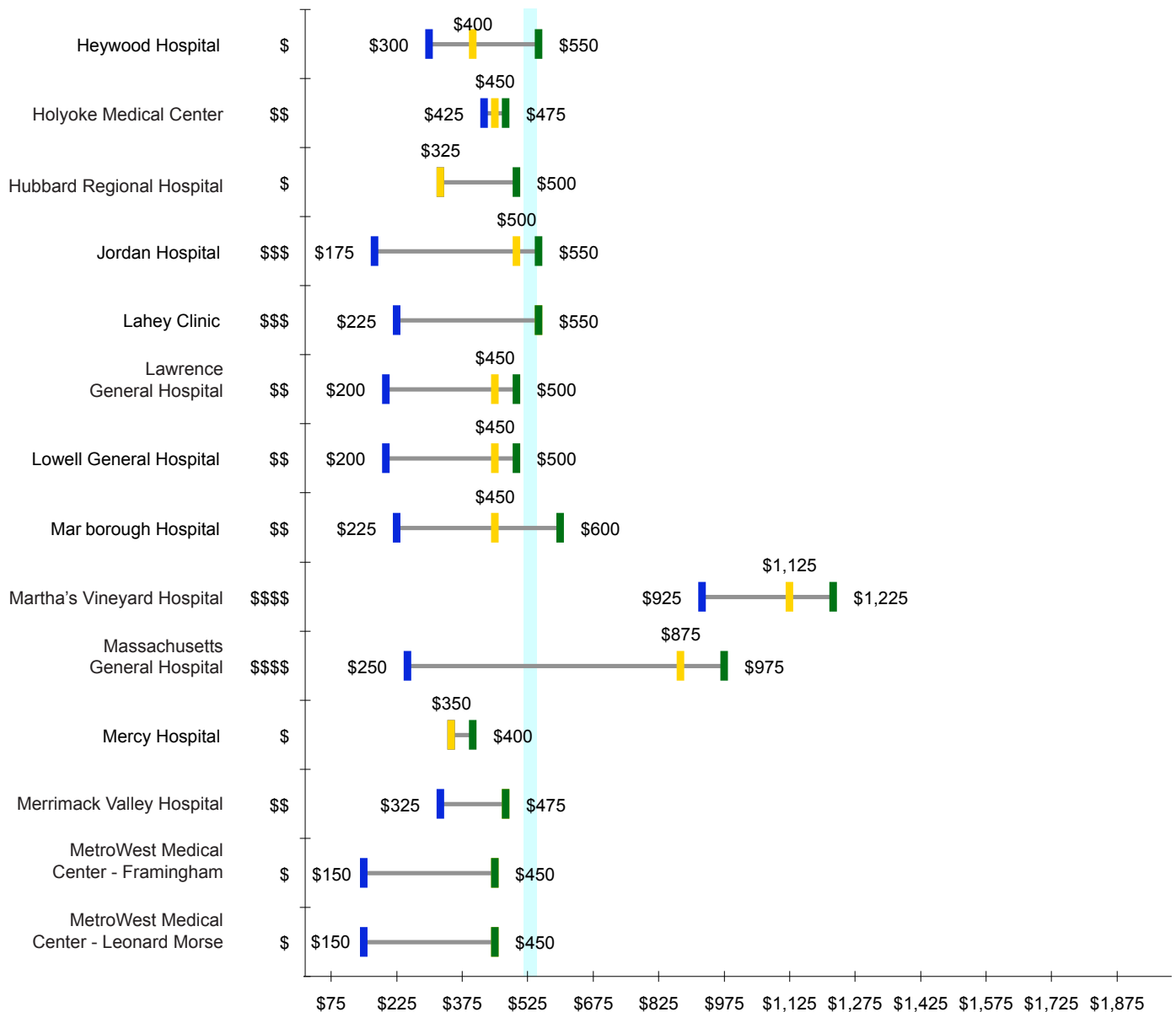
Legend



Cost Ratings

- \$ The hospital is among the least costly. This cost is lower than 85% of all hospitals in the state.
- \$\$ The hospital cost is below average. This cost is above 15% but below 50% of all hospitals in the state.
- \$\$\$ The hospital cost is above average. This cost is above 50% but below 85% of all hospitals in the state.
- \$\$\$\$ The hospital is among the most costly. This cost is higher than 85% of all hospitals in the state.

Range of Costs for CT Scan of Abdomen with Contrast by Hospital (3 of 5)



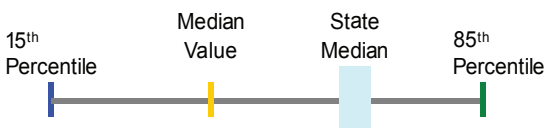
If the 15th Percentile and Median values for a hospital are equal, then only Median and 85th Percentile values are shown on the graph;

If the Median and 85th Percentile values for a hospital are equal, then only 15th Percentile and 85th Percentile values are shown on the graph;

If only the 85th Percentile value is shown for a hospital, then the 15th Percentile, Median, and 85th Percentile values are equal.

Refer to the hospital-specific data table to see all cost values for each hospital.

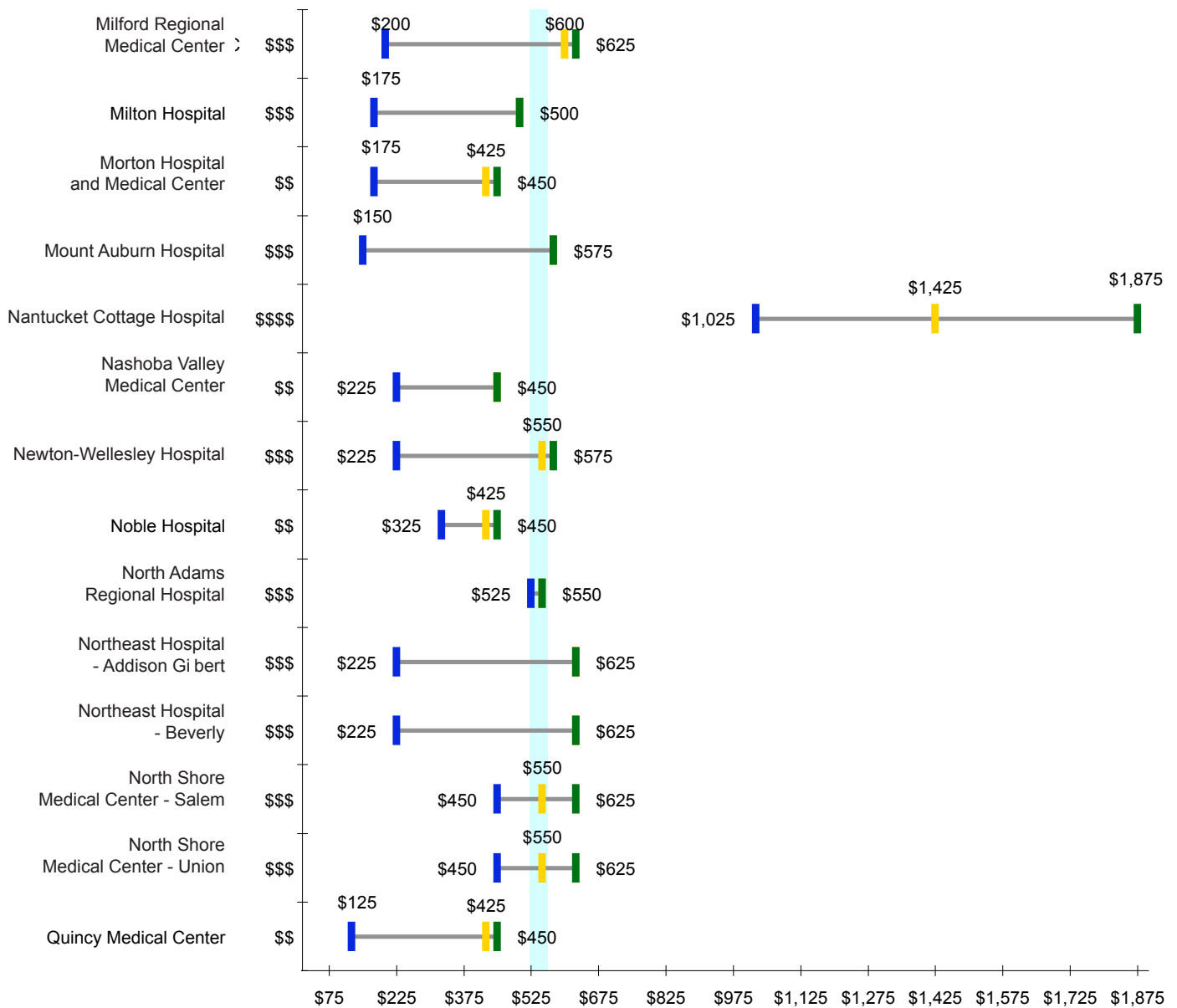
Legend



Cost Ratings

- \$ The hospital is among the least costly. This cost is lower than 85% of all hospitals in the state.
- \$\$ The hospital cost is below average. This cost is above 15% but below 50% of all hospitals in the state.
- \$\$\$ The hospital cost is above average. This cost is above 50% but below 85% of all hospitals in the state.
- \$\$\$\$ The hospital is among the most costly. This cost is higher than 85% of all hospitals in the state.

Range of Costs for CT Scan of Abdomen with Contrast by Hospital (4 of 5)



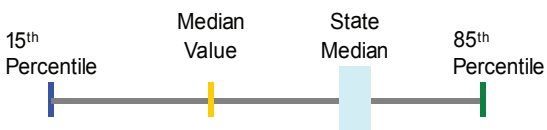
If the 15th Percentile and Median values for a hospital are equal, then only Median and 85th Percentile values are shown on the graph;

If the Median and 85th Percentile values for a hospital are equal, then only 15th Percentile and 85th Percentile values are shown on the graph;

If only the 85th Percentile value is shown for a hospital, then the 15th Percentile, Median, and 85th Percentile values are equal.

Refer to the hospital-specific data table to see all cost values for each hospital.

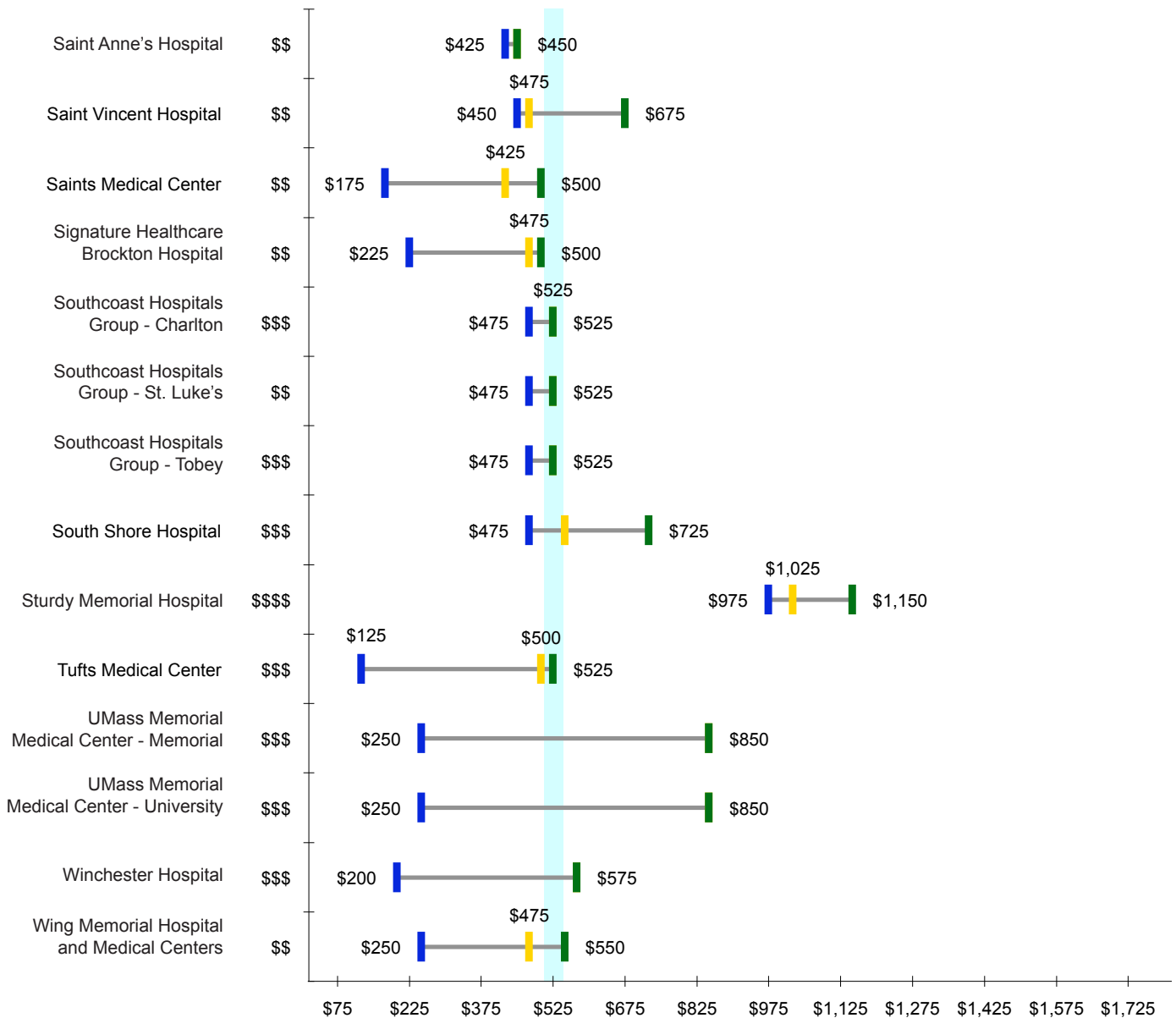
Legend



Cost Ratings

- \$ The hospital is among the least costly. This cost is lower than 85% of all hospitals in the state.
- \$\$ The hospital cost is below average. This cost is above 15% but below 50% of all hospitals in the state.
- \$\$\$ The hospital cost is above average. This cost is above 50% but below 85% of all hospitals in the state.
- \$\$\$\$ The hospital is among the most costly. This cost is higher than 85% of all hospitals in the state.

Range of Costs for CT Scan of Abdomen with Contrast by Hospital (5 of 5)



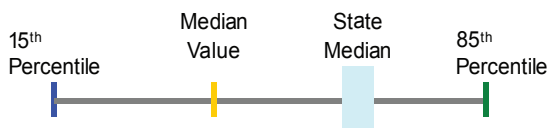
If the 15th Percentile and Median values for a hospital are equal, then only Median and 85th Percentile values are shown on the graph;

If the Median and 85th Percentile values for a hospital are equal, then only 15th Percentile and 85th Percentile values are shown on the graph;

If only the 85th Percentile value is shown for a hospital, then the 15th Percentile, Median, and 85th Percentile values are equal.

Refer to the hospital-specific data table to see all cost values for each hospital.

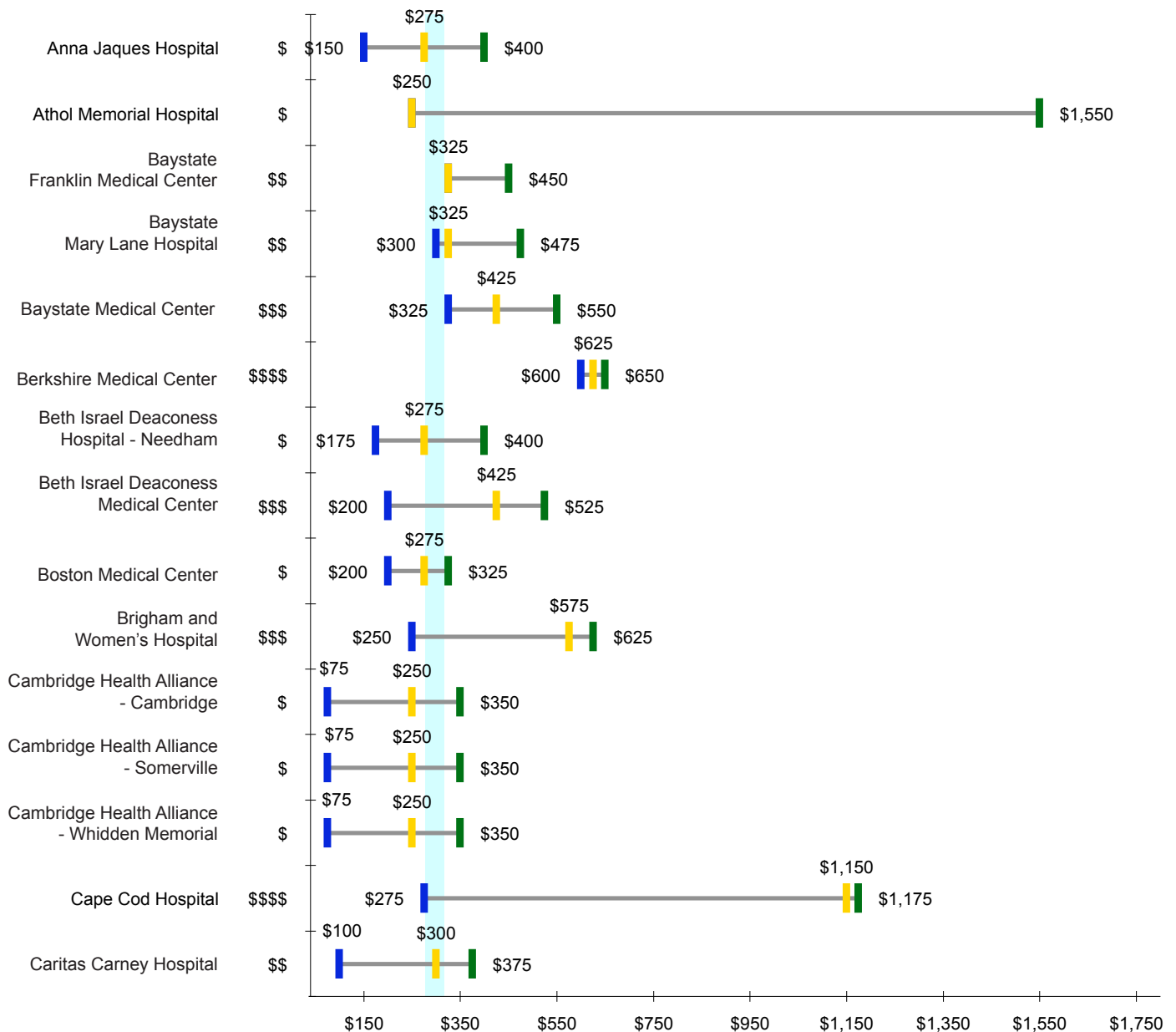
Legend



Cost Ratings

- \$ The hospital is among the least costly. This cost is lower than 85% of all hospitals in the state.
- \$\$ The hospital cost is below average. This cost is above 15% but below 50% of all hospitals in the state.
- \$\$\$ The hospital cost is above average. This cost is above 50% but below 85% of all hospitals in the state.
- \$\$\$\$ The hospital is among the most costly. This cost is higher than 85% of all hospitals in the state.

Range of Costs for CT Scan of Abdomen without Contrast by Hospital (1 of 5)



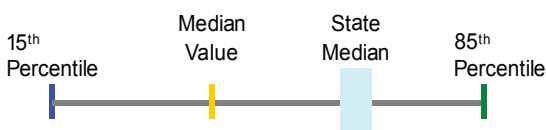
If the 15th Percentile and Median values for a hospital are equal, then only Median and 85th Percentile values are shown on the graph;

If the Median and 85th Percentile values for a hospital are equal, then only 15th Percentile and 85th Percentile values are shown on the graph;

If only the 85th Percentile value is shown for a hospital, then the 15th Percentile, Median, and 85th Percentile values are equal.

Refer to the hospital-specific data table to see all cost values for each hospital.

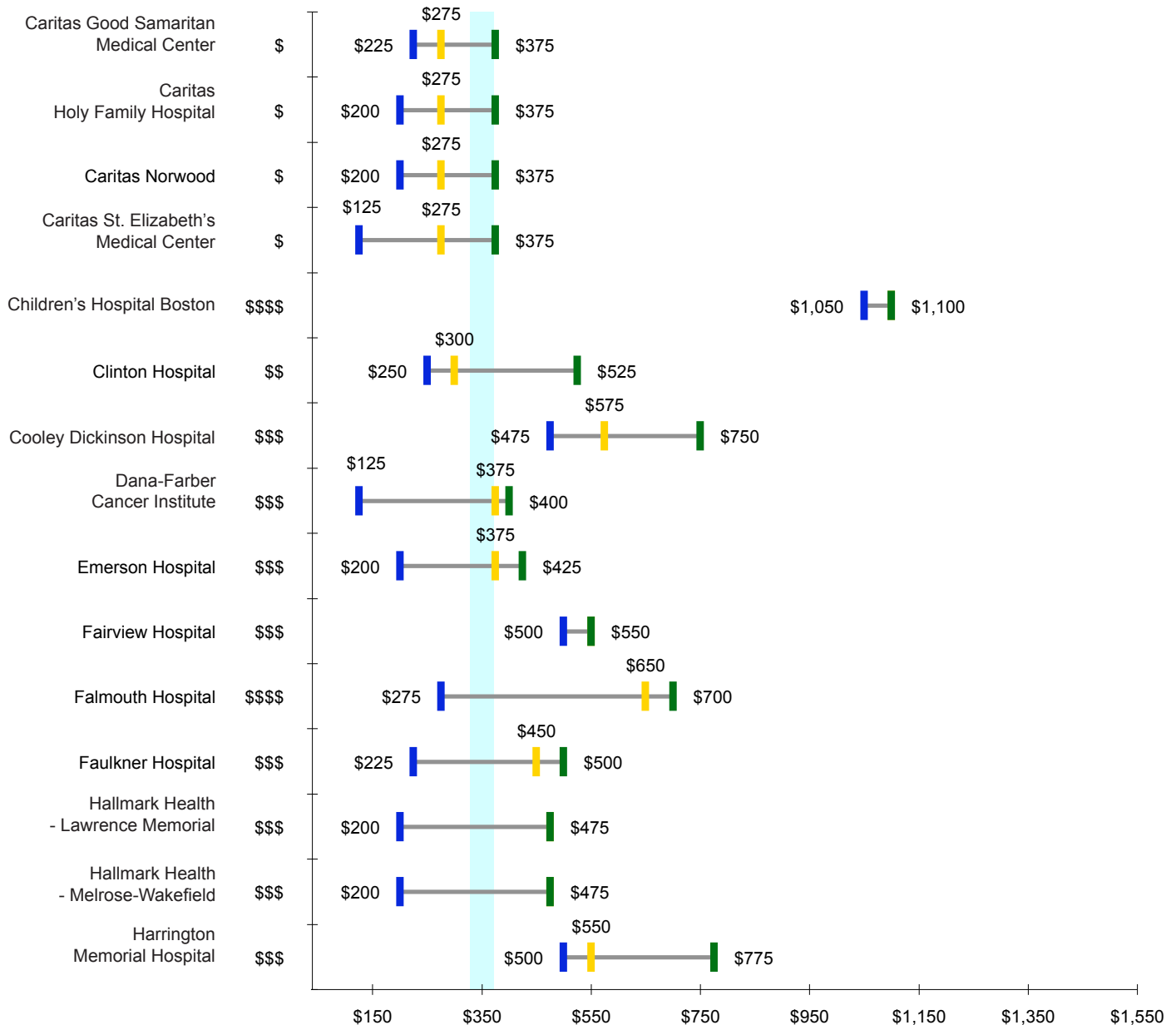
Legend



Cost Ratings

- \$ The hospital is among the least costly. This cost is lower than 85% of all hospitals in the state.
- \$\$ The hospital cost is below average. This cost is above 15% but below 50% of all hospitals in the state.
- \$\$\$ The hospital cost is above average. This cost is above 50% but below 85% of all hospitals in the state.
- \$\$\$\$ The hospital is among the most costly. This cost is higher than 85% of all hospitals in the state.

Range of Costs for CT Scan of Abdomen without Contrast by Hospital (2 of 5)



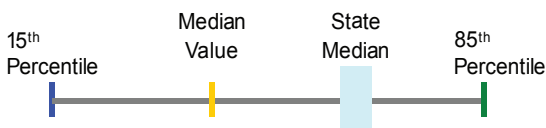
If the 15th Percentile and Median values for a hospital are equal, then only Median and 85th Percentile values are shown on the graph;

If the Median and 85th Percentile values for a hospital are equal, then only 15th Percentile and 85th Percentile values are shown on the graph;

If only the 85th Percentile value is shown for a hospital, then the 15th Percentile, Median, and 85th Percentile values are equal.

Refer to the hospital-specific data table to see all cost values for each hospital.

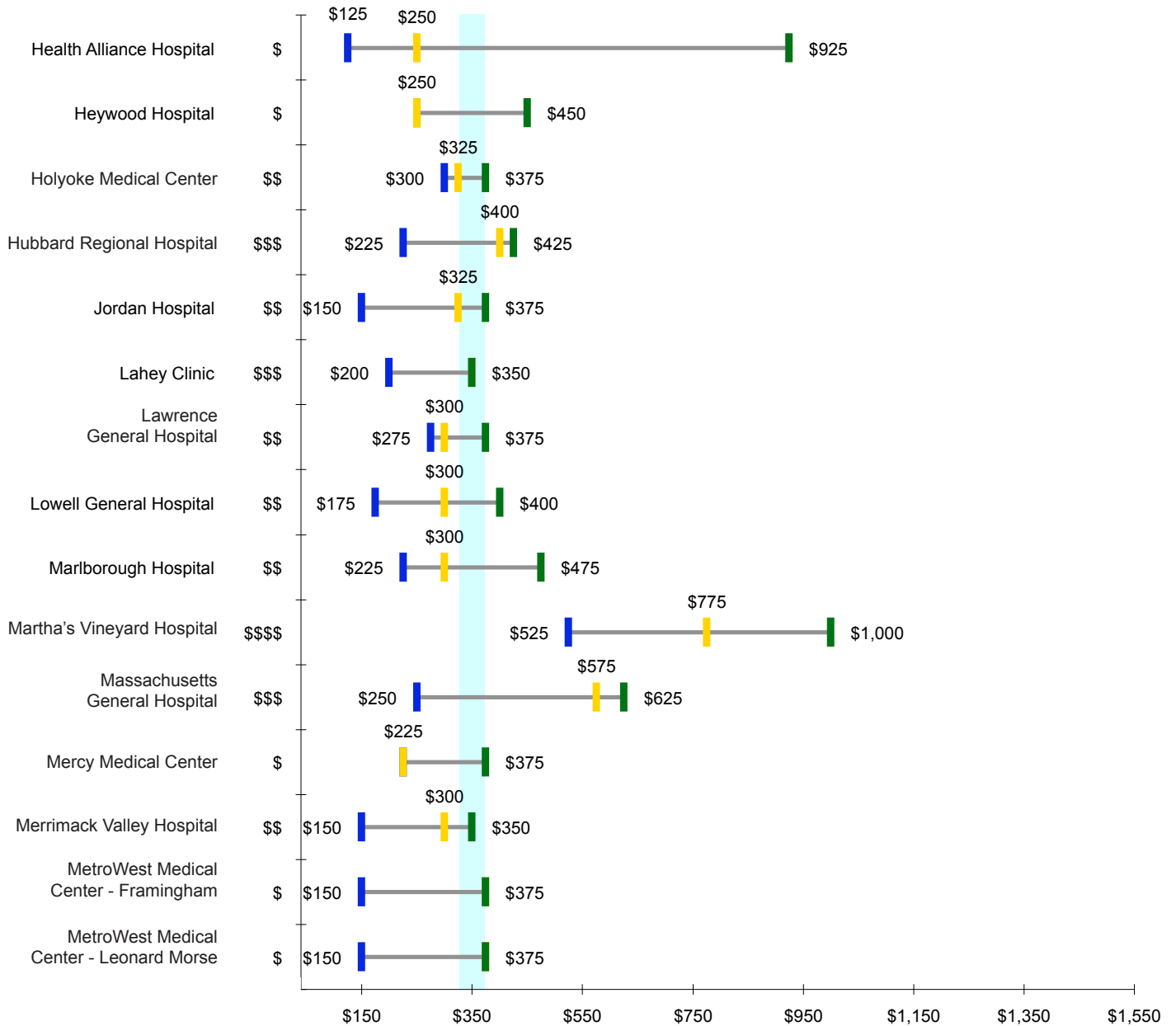
Legend



Cost Ratings

- \$ The hospital is among the least costly. This cost is lower than 85% of all hospitals in the state.
- \$\$ The hospital cost is below average. This cost is above 15% but below 50% of all hospitals in the state.
- \$\$\$ The hospital cost is above average. This cost is above 50% but below 85% of all hospitals in the state.
- \$\$\$\$ The hospital is among the most costly. This cost is higher than 85% of all hospitals in the state.

Range of Costs for CT Scan of Abdomen without Contrast by Hospital (3 of 5)



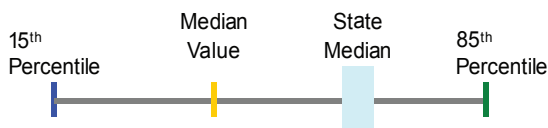
If the 15th Percentile and Median values for a hospital are equal, then only Median and 85th Percentile values are shown on the graph;

If the Median and 85th Percentile values for a hospital are equal, then only 15th Percentile and 85th Percentile values are shown on the graph;

If only the 85th Percentile value is shown for a hospital, then the 15th Percentile, Median, and 85th Percentile values are equal.

Refer to the hospital-specific data table to see all cost values for each hospital.

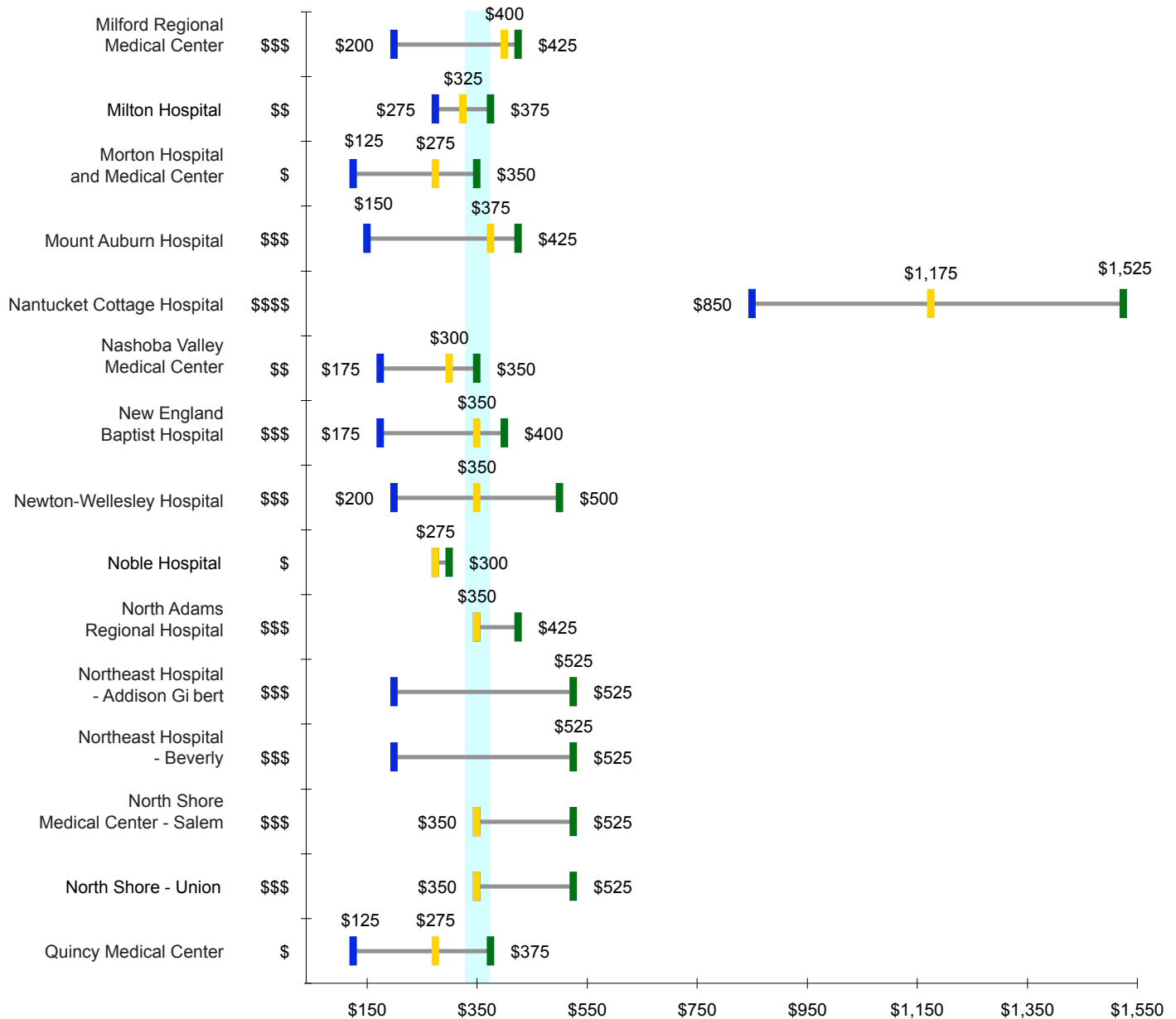
Legend



Cost Ratings

- \$ The hospital is among the least costly. This cost is lower than 85% of all hospitals in the state.
- \$\$ The hospital cost is below average. This cost is above 15% but below 50% of all hospitals in the state.
- \$\$\$ The hospital cost is above average. This cost is above 50% but below 85% of all hospitals in the state.
- \$\$\$\$ The hospital is among the most costly. This cost is higher than 85% of all hospitals in the state.

Range of Costs for CT Scan of Abdomen without Contrast by Hospital (4 of 5)



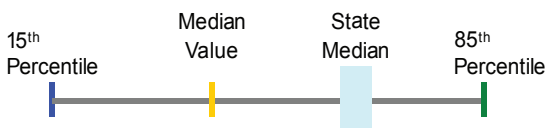
If the 15th Percentile and Median values for a hospital are equal, then only Median and 85th Percentile values are shown on the graph;

If the Median and 85th Percentile values for a hospital are equal, then only 15th Percentile and 85th Percentile values are shown on the graph;

If only the 85th Percentile value is shown for a hospital, then the 15th Percentile, Median, and 85th Percentile values are equal.

Refer to the hospital-specific data table to see all cost values for each hospital.

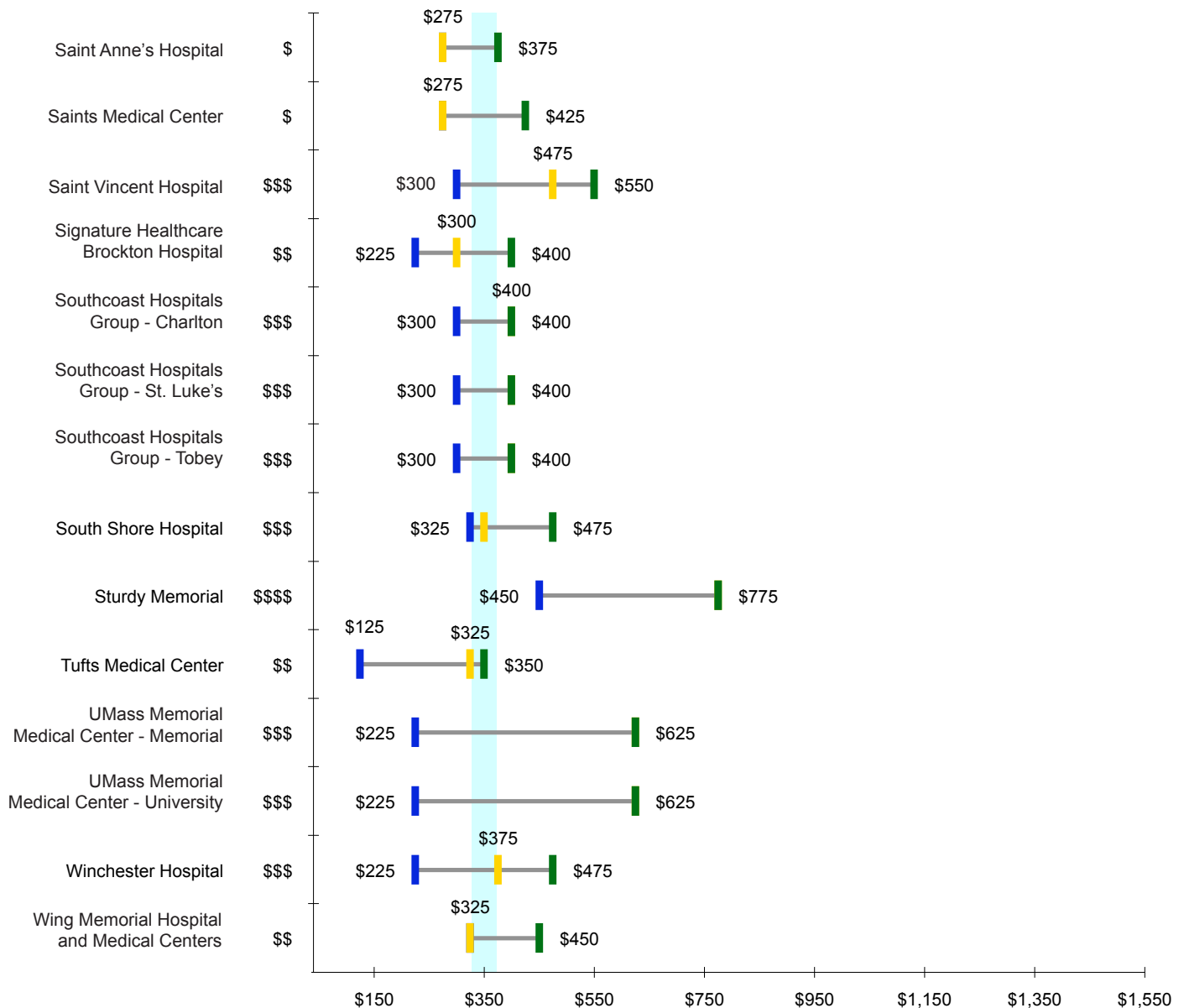
Legend



Cost Ratings

- \$ The hospital is among the least costly. This cost is lower than 85% of all hospitals in the state.
- \$\$ The hospital cost is below average. This cost is above 15% but below 50% of all hospitals in the state.
- \$\$\$ The hospital cost is above average. This cost is above 50% but below 85% of all hospitals in the state.
- \$\$\$\$ The hospital is among the most costly. This cost is higher than 85% of all hospitals in the state.

Range of Costs for CT Scan of Abdomen without Contrast by Hospital (5 of 5)



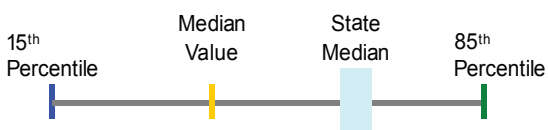
If the 15th Percentile and Median values for a hospital are equal, then only Median and 85th Percentile values are shown on the graph;

If the Median and 85th Percentile values for a hospital are equal, then only 15th Percentile and 85th Percentile values are shown on the graph;

If only the 85th Percentile value is shown for a hospital, then the 15th Percentile, Median, and 85th Percentile values are equal.

Refer to the hospital-specific data table to see all cost values for each hospital.

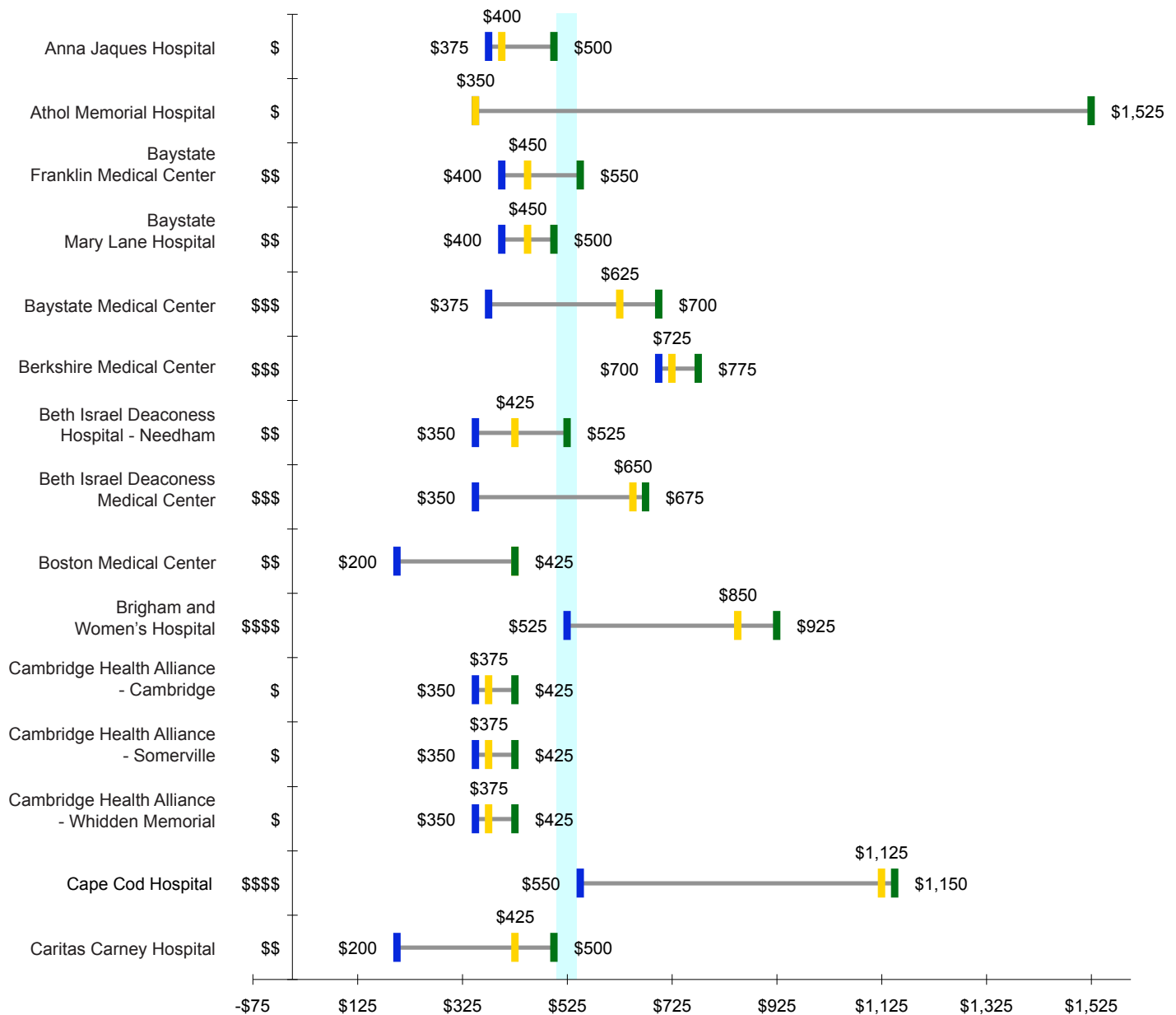
Legend



Cost Ratings

- \$ The hospital is among the least costly. This cost is lower than 85% of all hospitals in the state.
- \$\$ The hospital cost is below average. This cost is above 15% but below 50% of all hospitals in the state.
- \$\$\$ The hospital cost is above average. This cost is above 50% but below 85% of all hospitals in the state.
- \$\$\$\$ The hospital is among the most costly. This cost is higher than 85% of all hospitals in the state.

Range of Costs for CT Scan of Chest with Contrast by Hospital (1 of 5)



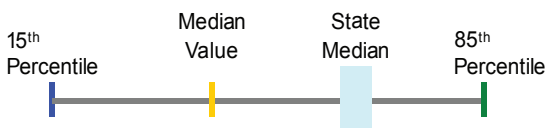
If the 15th Percentile and Median values for a hospital are equal, then only Median and 85th Percentile values are shown on the graph;

If the Median and 85th Percentile values for a hospital are equal, then only 15th Percentile and 85th Percentile values are shown on the graph;

If only the 85th Percentile value is shown for a hospital, then the 15th Percentile, Median, and 85th Percentile values are equal.

Refer to the hospital-specific data table to see all cost values for each hospital.

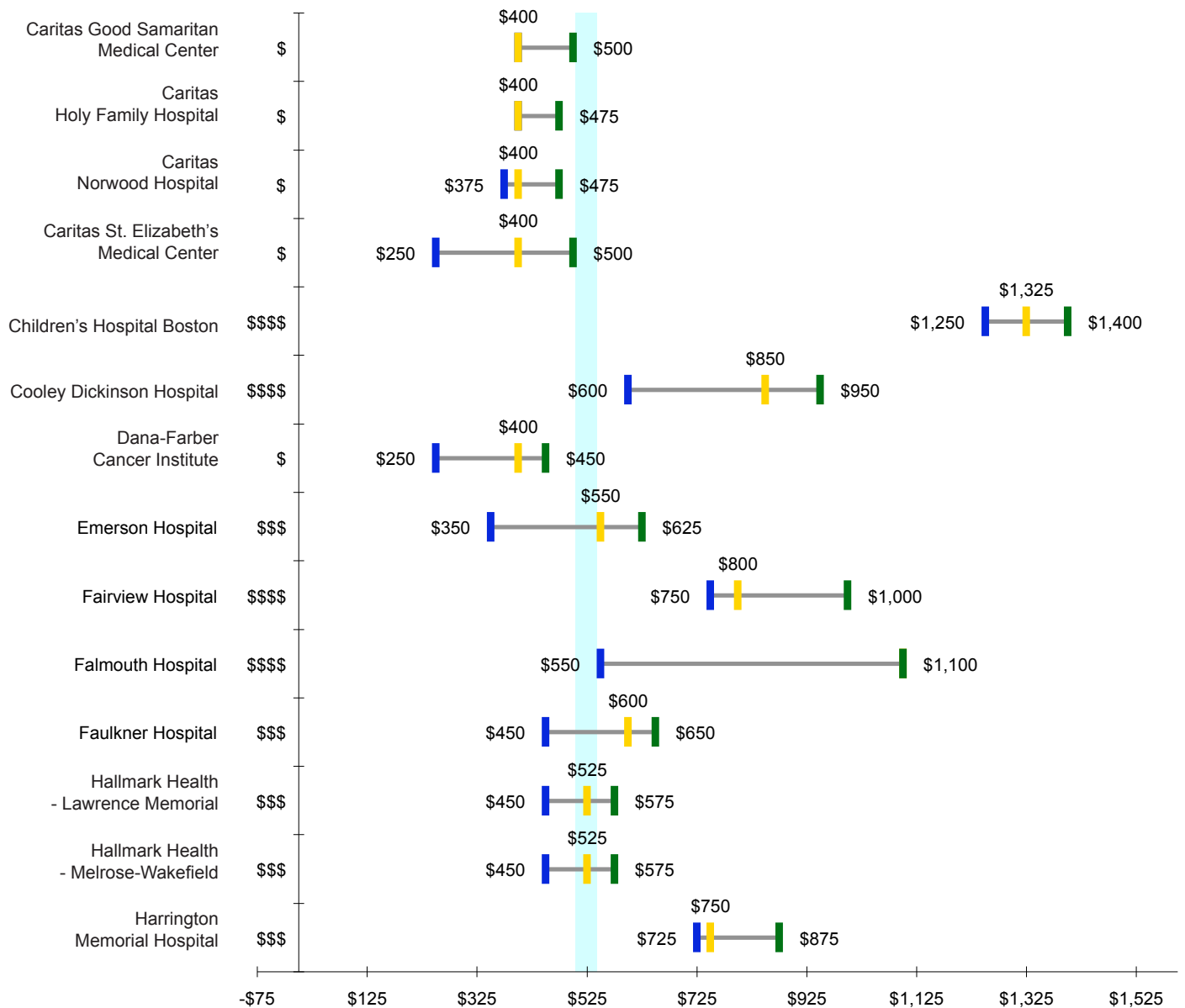
Legend



Cost Ratings

- \$ The hospital is among the least costly. This cost is lower than 85% of all hospitals in the state.
- \$\$ The hospital cost is below average. This cost is above 15% but below 50% of all hospitals in the state.
- \$\$\$ The hospital cost is above average. This cost is above 50% but below 85% of all hospitals in the state.
- \$\$\$\$ The hospital is among the most costly. This cost is higher than 85% of all hospitals in the state.

Range of Costs for CT Scan of Chest with Contrast by Hospital (2 of 5)



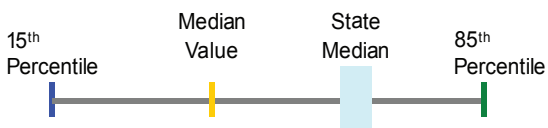
If the 15th Percentile and Median values for a hospital are equal, then only Median and 85th Percentile values are shown on the graph;

If the Median and 85th Percentile values for a hospital are equal, then only 15th Percentile and 85th Percentile values are shown on the graph;

If only the 85th Percentile value is shown for a hospital, then the 15th Percentile, Median, and 85th Percentile values are equal.

Refer to the hospital-specific data table to see all cost values for each hospital.

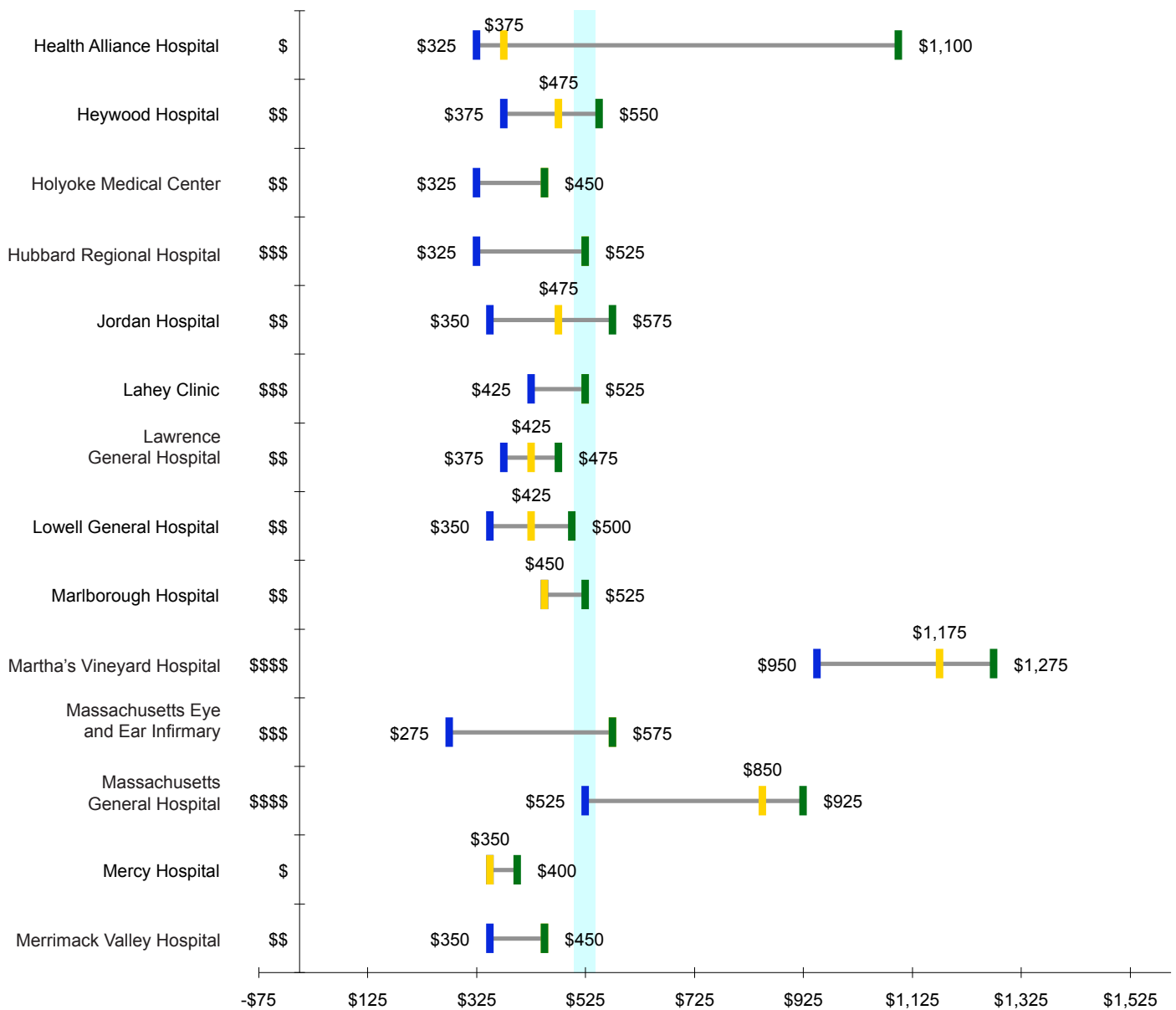
Legend



Cost Ratings

- \$ The hospital is among the least costly. This cost is lower than 85% of all hospitals in the state.
- \$\$ The hospital cost is below average. This cost is above 15% but below 50% of all hospitals in the state.
- \$\$\$ The hospital cost is above average. This cost is above 50% but below 85% of all hospitals in the state.
- \$\$\$\$ The hospital is among the most costly. This cost is higher than 85% of all hospitals in the state.

Range of Costs for CT Scan of Chest with Contrast by Hospital (3 of 5)



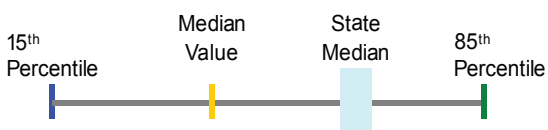
If the 15th Percentile and Median values for a hospital are equal, then only Median and 85th Percentile values are shown on the graph;

If the Median and 85th Percentile values for a hospital are equal, then only 15th Percentile and 85th Percentile values are shown on the graph;

If only the 85th Percentile value is shown for a hospital, then the 15th Percentile, Median, and 85th Percentile values are equal.

Refer to the hospital-specific data table to see all cost values for each hospital.

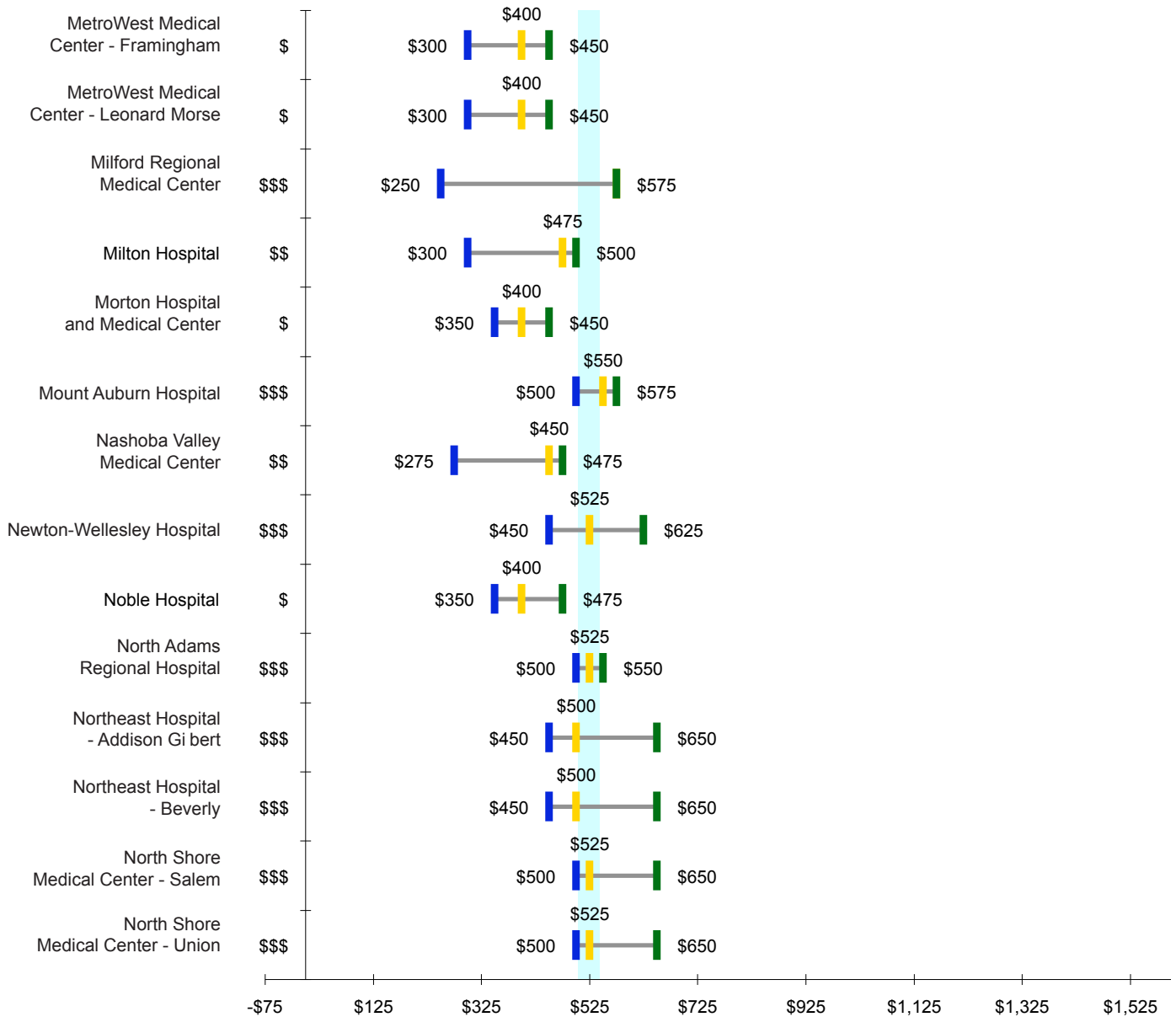
Legend



Cost Ratings

- \$ The hospital is among the least costly. This cost is lower than 85% of all hospitals in the state.
- \$\$ The hospital cost is below average. This cost is above 15% but below 50% of all hospitals in the state.
- \$\$\$ The hospital cost is above average. This cost is above 50% but below 85% of all hospitals in the state.
- \$\$\$\$ The hospital is among the most costly. This cost is higher than 85% of all hospitals in the state.

Range of Costs for CT Scan of Chest with Contrast by Hospital (4 of 5)



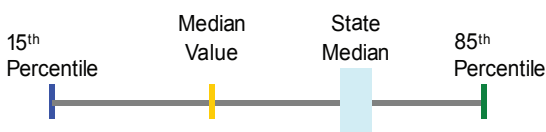
If the 15th Percentile and Median values for a hospital are equal, then only Median and 85th Percentile values are shown on the graph;

If the Median and 85th Percentile values for a hospital are equal, then only 15th Percentile and 85th Percentile values are shown on the graph;

If only the 85th Percentile value is shown for a hospital, then the 15th Percentile, Median, and 85th Percentile values are equal.

Refer to the hospital-specific data table to see all cost values for each hospital.

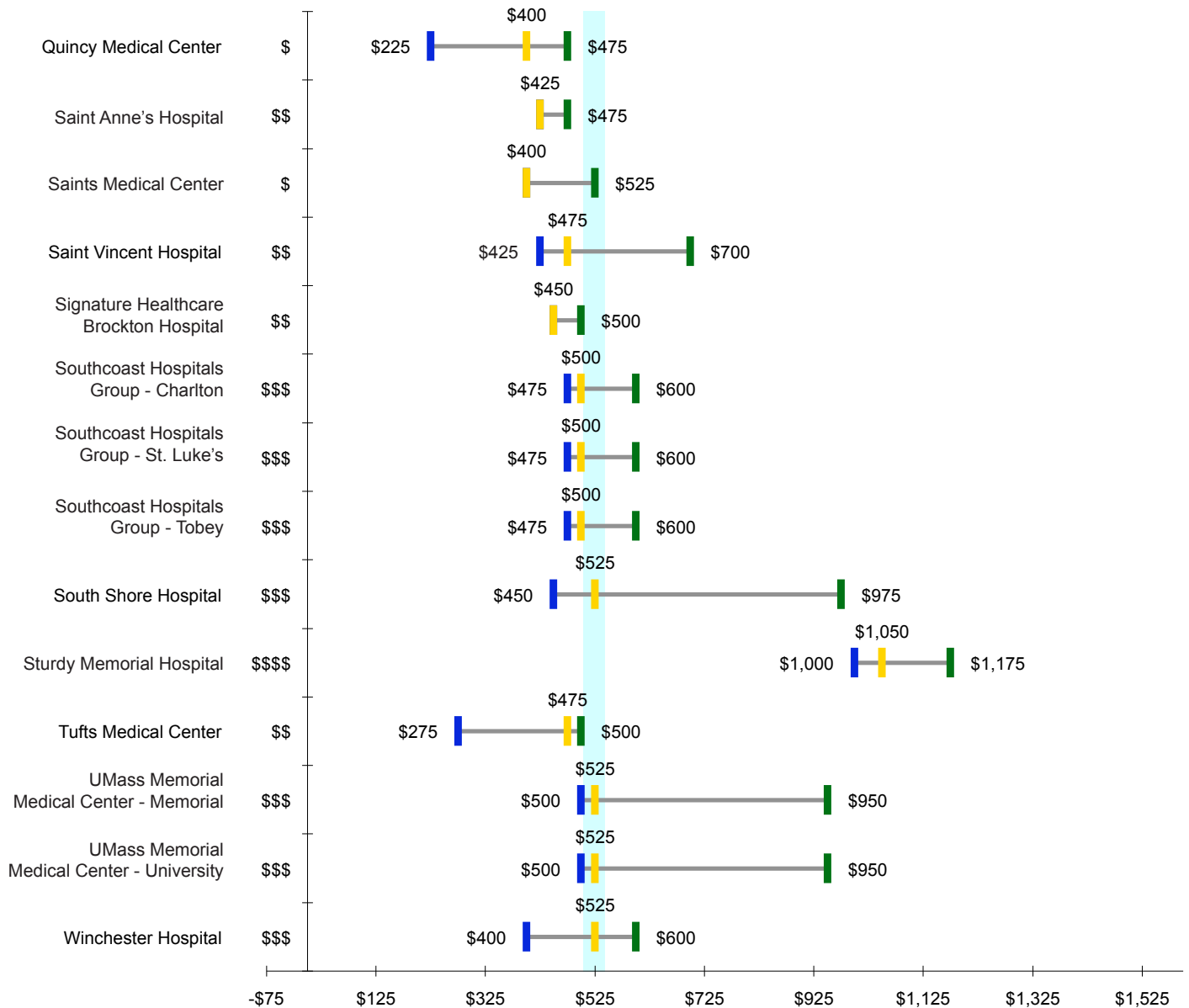
Legend



Cost Ratings

- \$ The hospital is among the least costly. This cost is lower than 85% of all hospitals in the state.
- \$\$ The hospital cost is below average. This cost is above 15% but below 50% of all hospitals in the state.
- \$\$\$ The hospital cost is above average. This cost is above 50% but below 85% of all hospitals in the state.
- \$\$\$\$ The hospital is among the most costly. This cost is higher than 85% of all hospitals in the state.

Range of Costs for CT Scan of Chest with Contrast by Hospital (5 of 5)



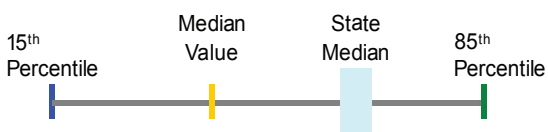
If the 15th Percentile and Median values for a hospital are equal, then only Median and 85th Percentile values are shown on the graph;

If the Median and 85th Percentile values for a hospital are equal, then only 15th Percentile and 85th Percentile values are shown on the graph;

If only the 85th Percentile value is shown for a hospital, then the 15th Percentile, Median, and 85th Percentile values are equal.

Refer to the hospital-specific data table to see all cost values for each hospital.

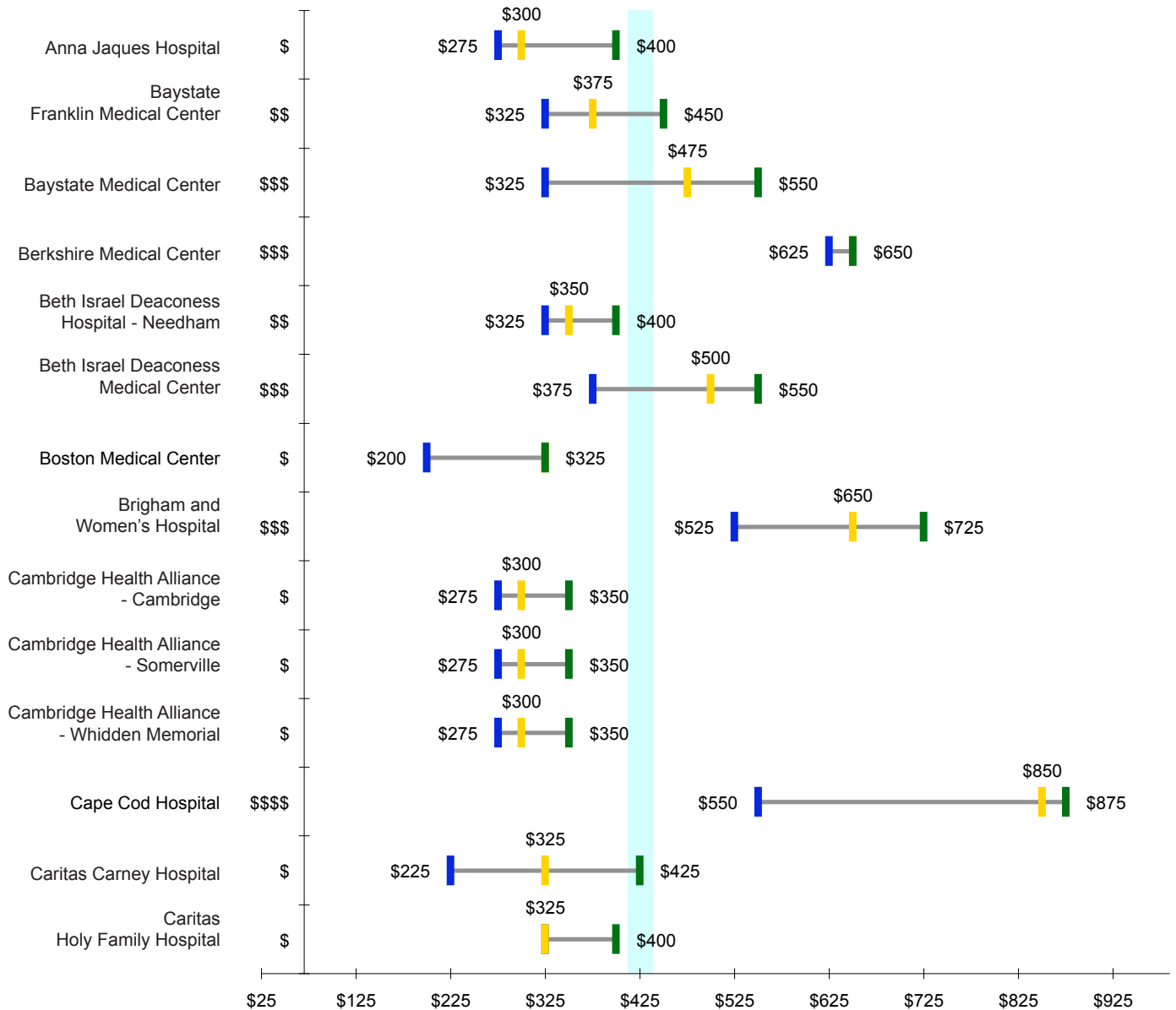
Legend



Cost Ratings

- \$ The hospital is among the least costly. This cost is lower than 85% of all hospitals in the state.
- \$\$ The hospital cost is below average. This cost is above 15% but below 50% of all hospitals in the state.
- \$\$\$ The hospital cost is above average. This cost is above 50% but below 85% of all hospitals in the state.
- \$\$\$\$ The hospital is among the most costly. This cost is higher than 85% of all hospitals in the state.

Range of Costs for CT Scan of Chest without Contrast by Hospital (1 of 5)



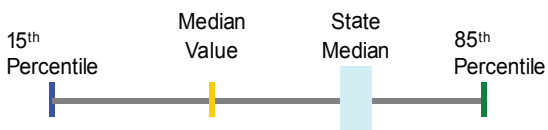
If the 15th Percentile and Median values for a hospital are equal, then only Median and 85th Percentile values are shown on the graph;

If the Median and 85th Percentile values for a hospital are equal, then only 15th Percentile and 85th Percentile values are shown on the graph;

If only the 85th Percentile value is shown for a hospital, then the 15th Percentile, Median, and 85th Percentile values are equal.

Refer to the hospital-specific data table to see all cost values for each hospital.

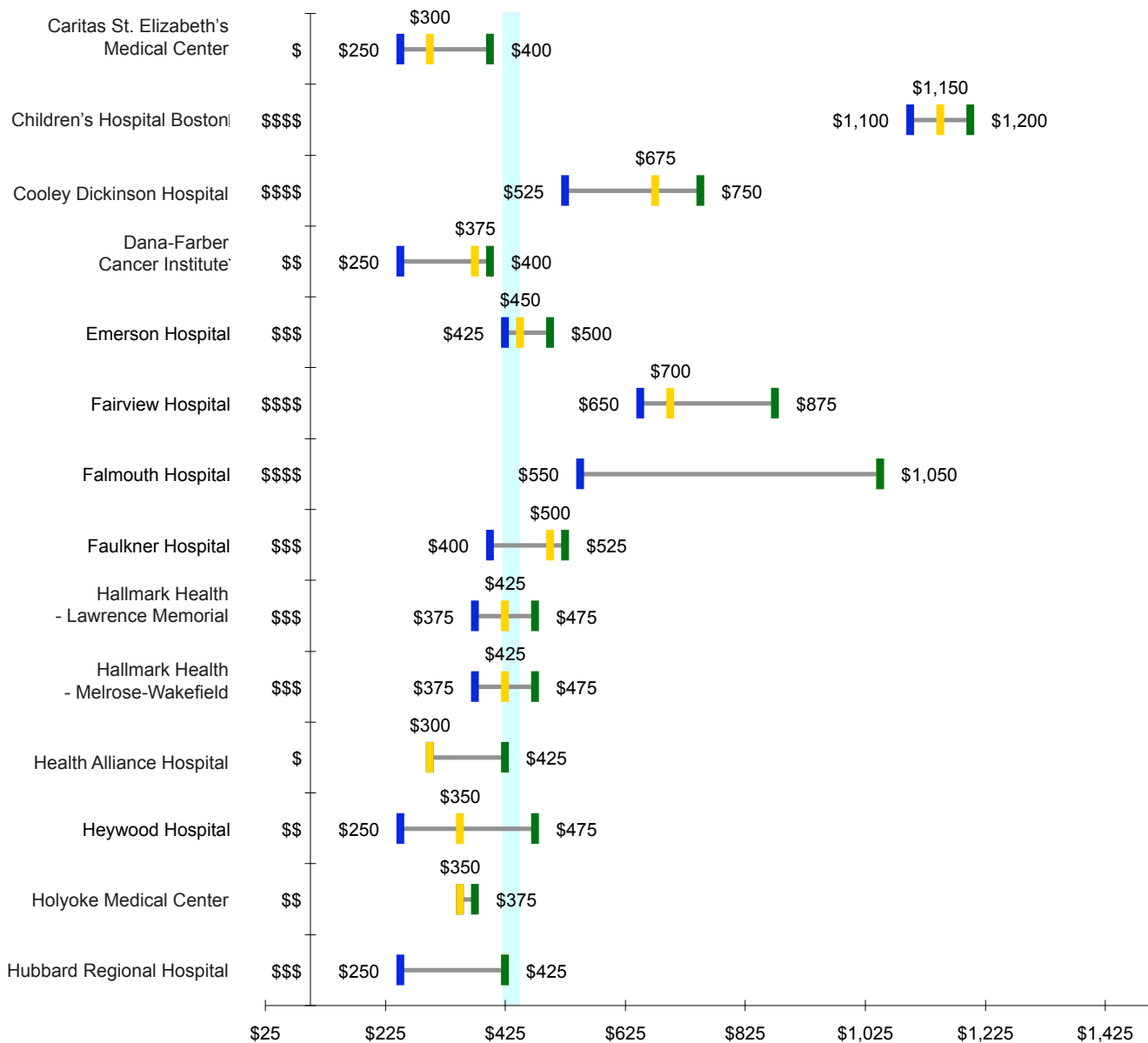
Legend



Cost Ratings

- \$ The hospital is among the least costly. This cost is lower than 85% of all hospitals in the state.
- \$\$ The hospital cost is below average. This cost is above 15% but below 50% of all hospitals in the state.
- \$\$\$ The hospital cost is above average. This cost is above 50% but below 85% of all hospitals in the state.
- \$\$\$\$ The hospital is among the most costly. This cost is higher than 85% of all hospitals in the state.

Range of Costs for CT Scan of Chest without Contrast by Hospital (2 of 5)



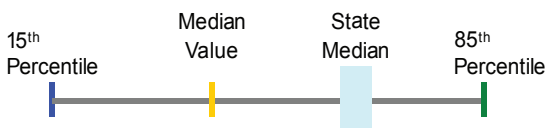
If the 15th Percentile and Median values for a hospital are equal, then only Median and 85th Percentile values are shown on the graph;

If the Median and 85th Percentile values for a hospital are equal, then only 15th Percentile and 85th Percentile values are shown on the graph;

If only the 85th Percentile value is shown for a hospital, then the 15th Percentile, Median, and 85th Percentile values are equal.

Refer to the hospital-specific data table to see all cost values for each hospital.

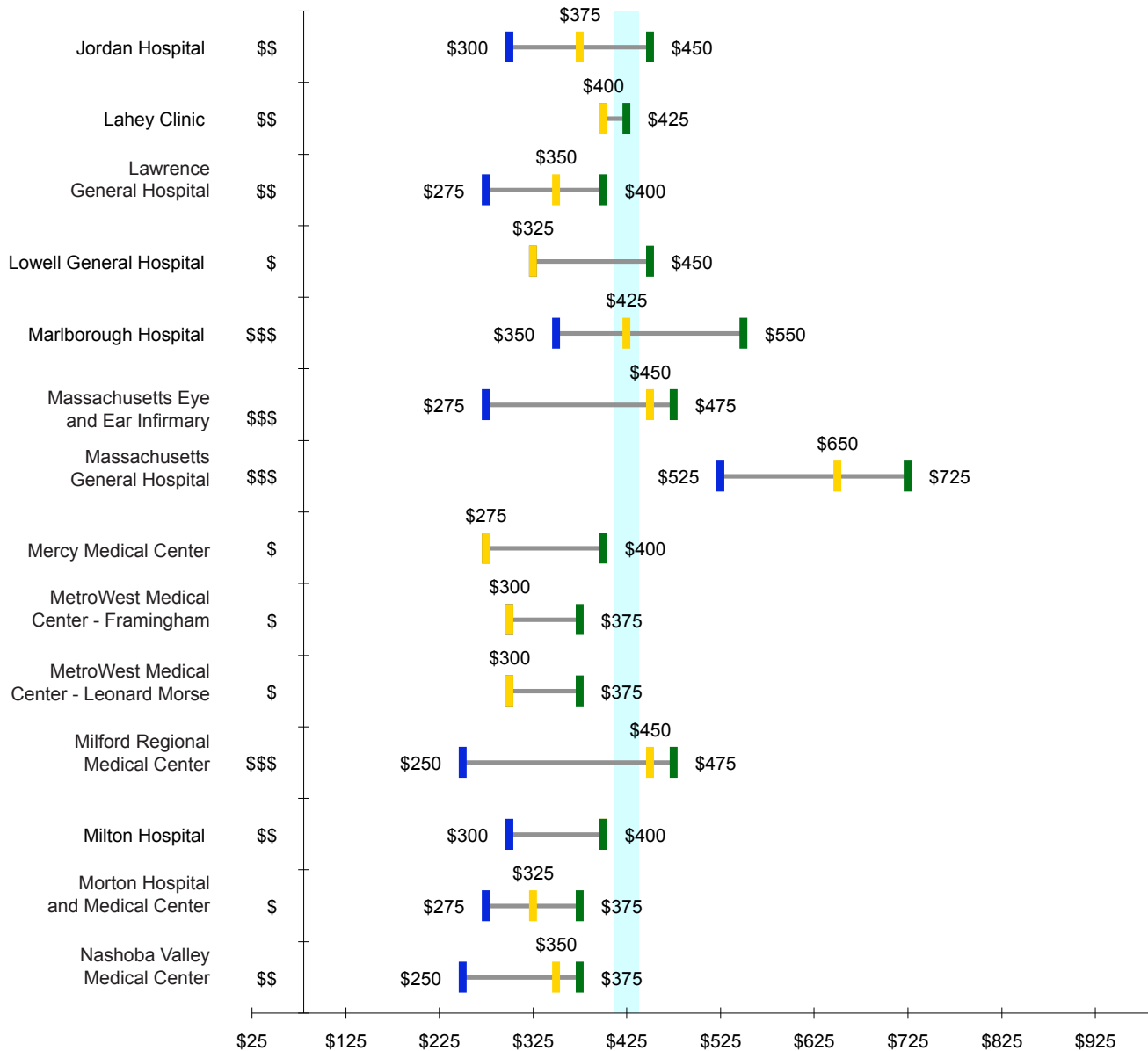
Legend



Cost Ratings

- \$ The hospital is among the least costly. This cost is lower than 85% of all hospitals in the state.
- \$\$ The hospital cost is below average. This cost is above 15% but below 50% of all hospitals in the state.
- \$\$\$ The hospital cost is above average. This cost is above 50% but below 85% of all hospitals in the state.
- \$\$\$\$ The hospital is among the most costly. This cost is higher than 85% of all hospitals in the state.

Range of Costs for CT Scan of Chest without Contrast by Hospital (3 of 5)



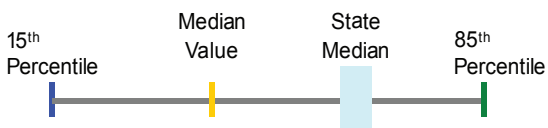
If the 15th Percentile and Median values for a hospital are equal, then only Median and 85th Percentile values are shown on the graph;

If the Median and 85th Percentile values for a hospital are equal, then only 15th Percentile and 85th Percentile values are shown on the graph;

If only the 85th Percentile value is shown for a hospital, then the 15th Percentile, Median, and 85th Percentile values are equal.

Refer to the hospital-specific data table to see all cost values for each hospital.

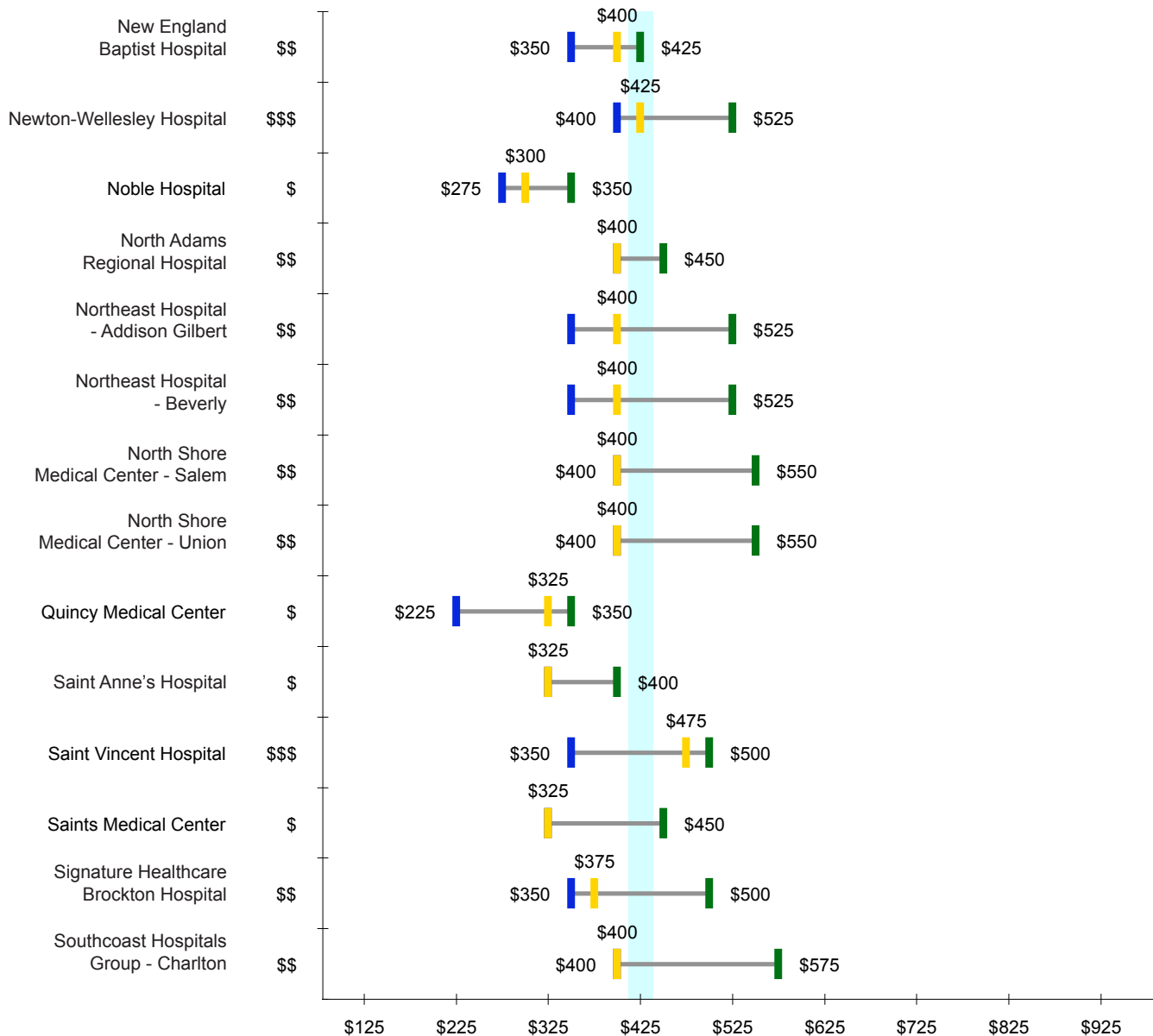
Legend



Cost Ratings

- \$ The hospital is among the least costly. This cost is lower than 85% of all hospitals in the state.
- \$\$ The hospital cost is below average. This cost is above 15% but below 50% of all hospitals in the state.
- \$\$\$ The hospital cost is above average. This cost is above 50% but below 85% of all hospitals in the state.
- \$\$\$\$ The hospital is among the most costly. This cost is higher than 85% of all hospitals in the state.

Range of Costs for CT Scan of Chest without Contrast by Hospital (4 of 5)



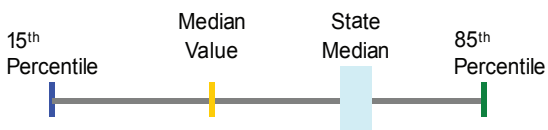
If the 15th Percentile and Median values for a hospital are equal, then only Median and 85th Percentile values are shown on the graph;

If the Median and 85th Percentile values for a hospital are equal, then only 15th Percentile and 85th Percentile values are shown on the graph;

If only the 85th Percentile value is shown for a hospital, then the 15th Percentile, Median, and 85th Percentile values are equal.

Refer to the hospital-specific data table to see all cost values for each hospital.

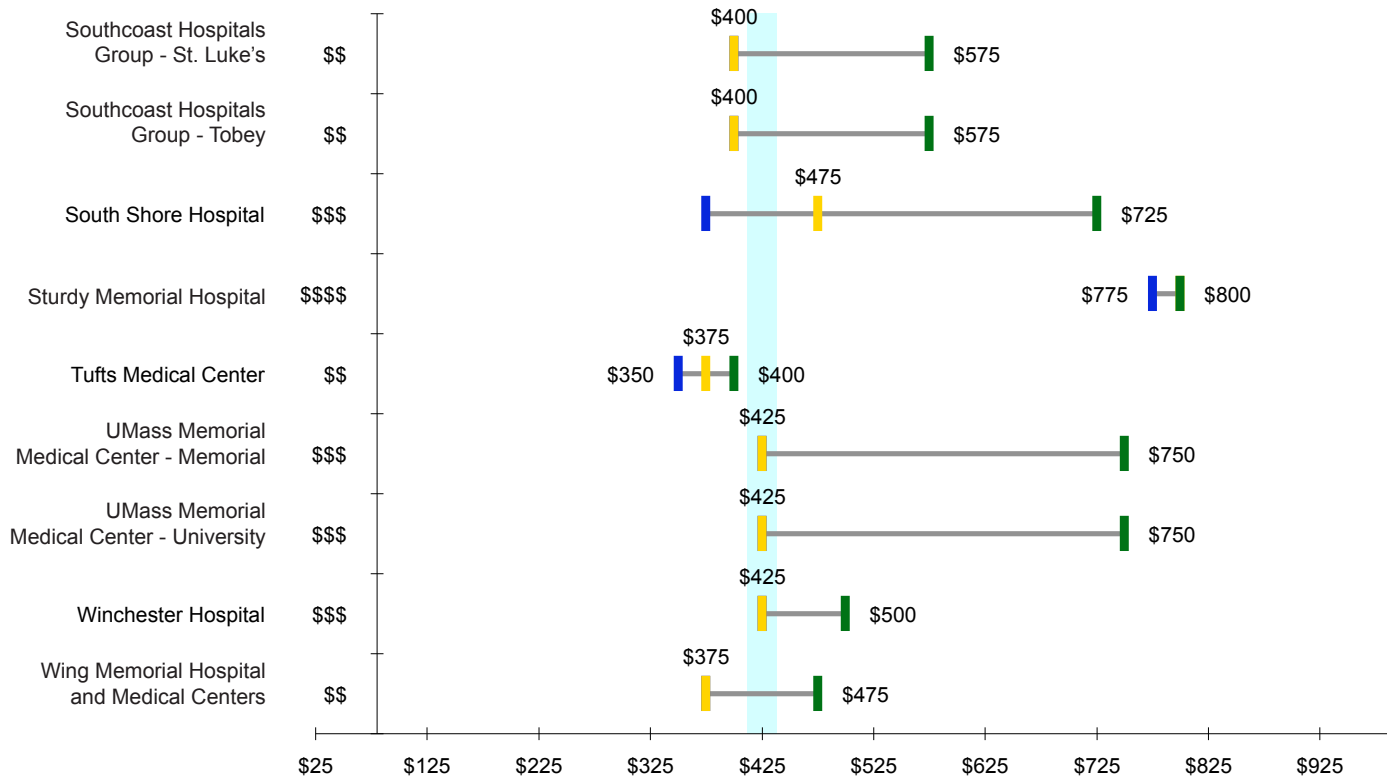
Legend



Cost Ratings

- \$ The hospital is among the least costly. This cost is lower than 85% of all hospitals in the state.
- \$\$ The hospital cost is below average. This cost is above 15% but below 50% of all hospitals in the state.
- \$\$\$ The hospital cost is above average. This cost is above 50% but below 85% of all hospitals in the state.
- \$\$\$\$ The hospital is among the most costly. This cost is higher than 85% of all hospitals in the state.

Range of Costs for CT Scan of Chest without Contrast by Hospital (5 of 5)



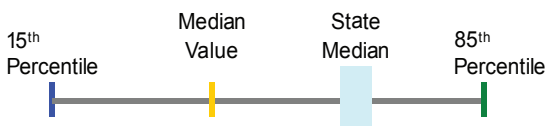
If the 15th Percentile and Median values for a hospital are equal, then only Median and 85th Percentile values are shown on the graph;

If the Median and 85th Percentile values for a hospital are equal, then only 15th Percentile and 85th Percentile values are shown on the graph;

If only the 85th Percentile value is shown for a hospital, then the 15th Percentile, Median, and 85th Percentile values are equal.

Refer to the hospital-specific data table to see all cost values for each hospital.

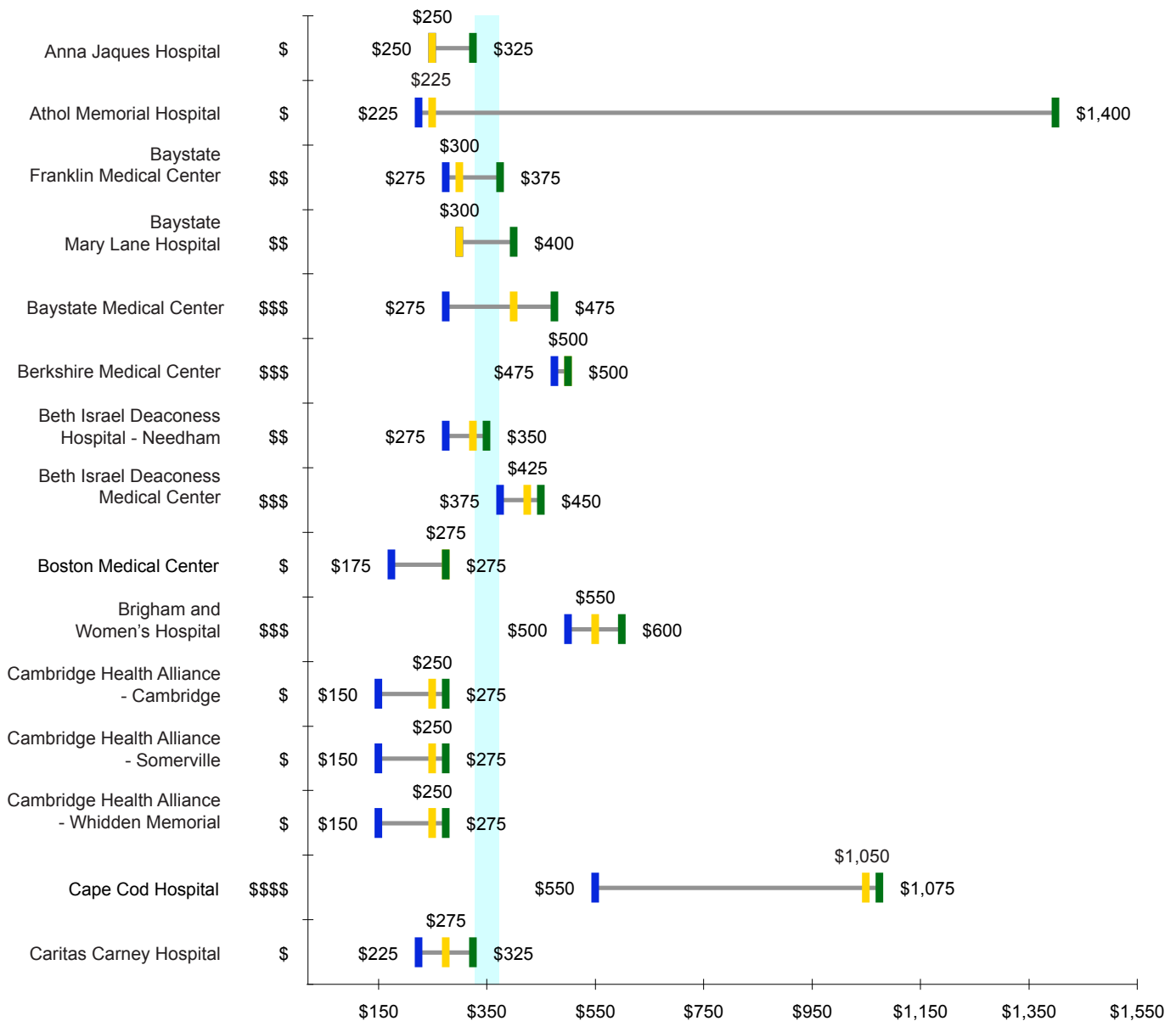
Legend



Cost Ratings

- \$ The hospital is among the least costly. This cost is lower than 85% of all hospitals in the state.
- \$\$ The hospital cost is below average. This cost is above 15% but below 50% of all hospitals in the state.
- \$\$\$ The hospital cost is above average. This cost is above 50% but below 85% of all hospitals in the state.
- \$\$\$\$ The hospital is among the most costly. This cost is higher than 85% of all hospitals in the state.

Range of Costs for CT Scan of Head without Contrast by Hospital (1 of 5)



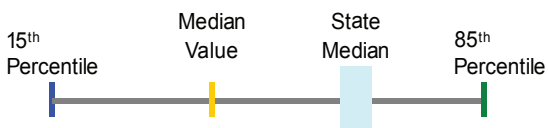
If the 15th Percentile and Median values for a hospital are equal, then only Median and 85th Percentile values are shown on the graph;

If the Median and 85th Percentile values for a hospital are equal, then only 15th Percentile and 85th Percentile values are shown on the graph;

If only the 85th Percentile value is shown for a hospital, then the 15th Percentile, Median, and 85th Percentile values are equal.

Refer to the hospital-specific data table to see all cost values for each hospital.

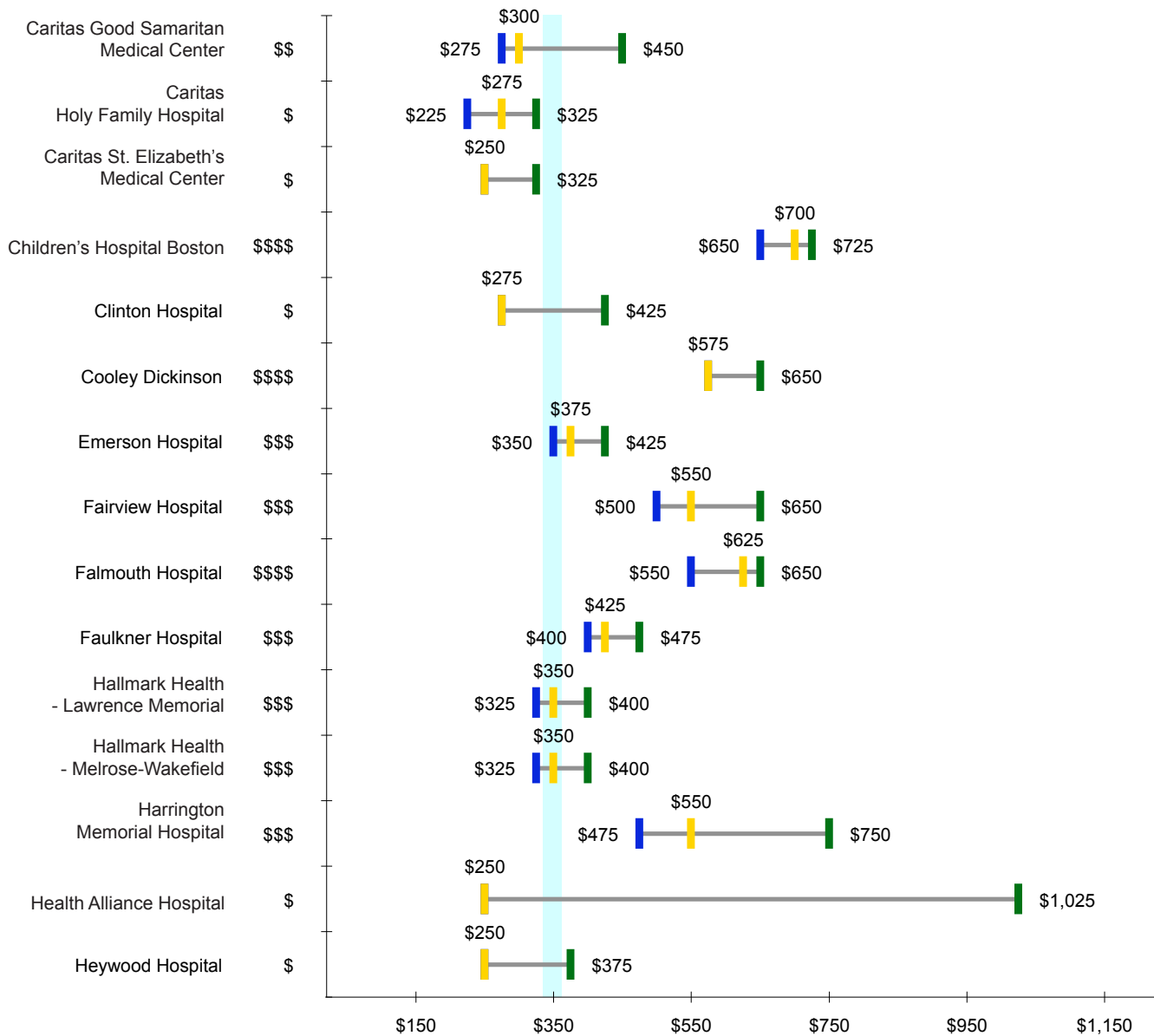
Legend



Cost Ratings

- \$ The hospital is among the least costly. This cost is lower than 85% of all hospitals in the state.
- \$\$ The hospital cost is below average. This cost is above 15% but below 50% of all hospitals in the state.
- \$\$\$ The hospital cost is above average. This cost is above 50% but below 85% of all hospitals in the state.
- \$\$\$\$ The hospital is among the most costly. This cost is higher than 85% of all hospitals in the state.

Range of Costs for CT Scan of Head without Contrast by Hospital (2 of 5)



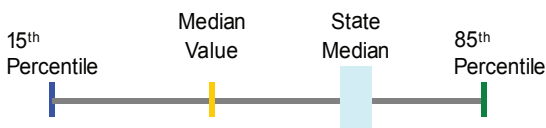
If the 15th Percentile and Median values for a hospital are equal, then only Median and 85th Percentile values are shown on the graph;

If the Median and 85th Percentile values for a hospital are equal, then only 15th Percentile and 85th Percentile values are shown on the graph;

If only the 85th Percentile value is shown for a hospital, then the 15th Percentile, Median, and 85th Percentile values are equal.

Refer to the hospital-specific data table to see all cost values for each hospital.

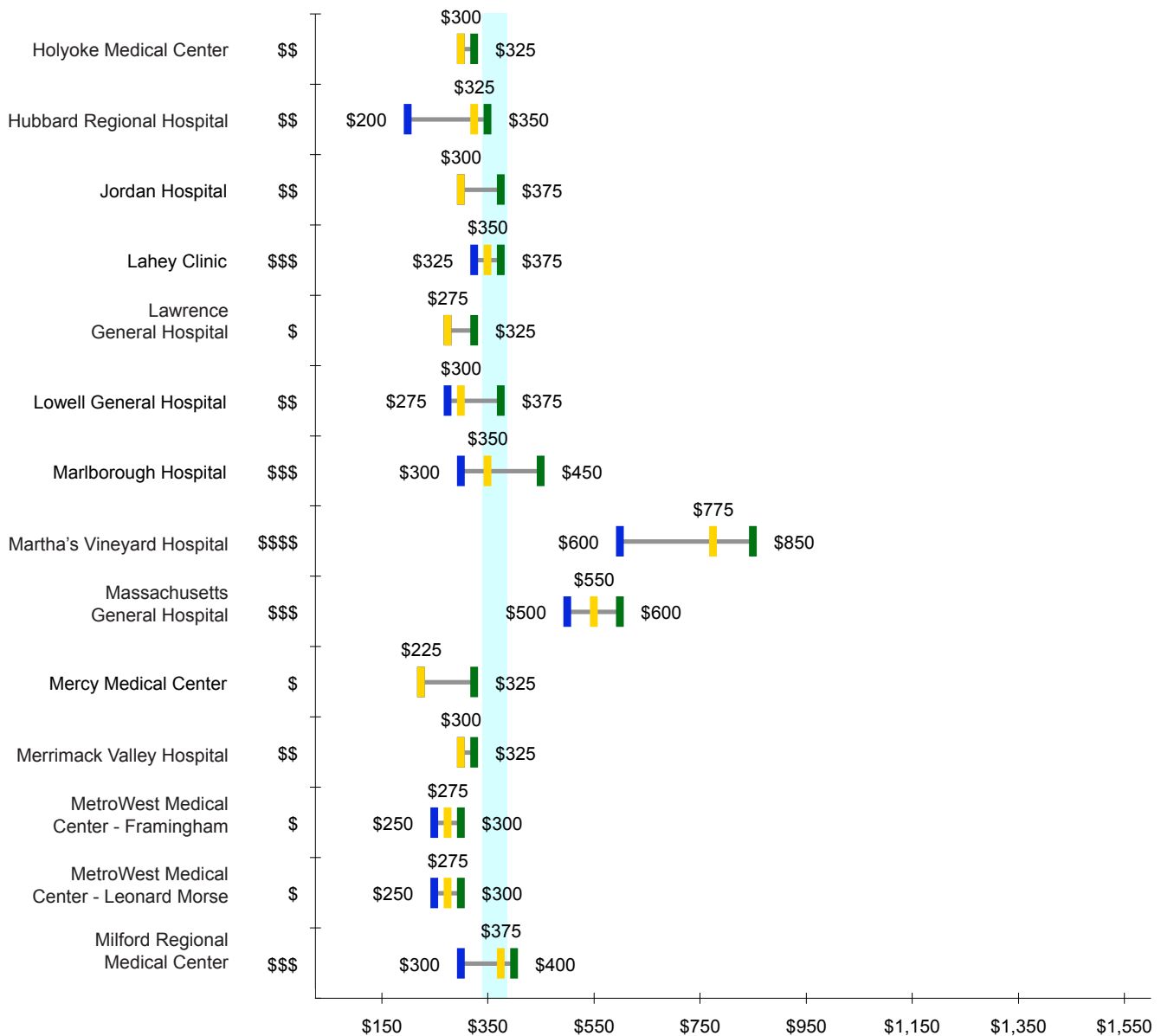
Legend



Cost Ratings

- \$ The hospital is among the least costly. This cost is lower than 85% of all hospitals in the state.
- \$\$ The hospital cost is below average. This cost is above 15% but below 50% of all hospitals in the state.
- \$\$\$ The hospital cost is above average. This cost is above 50% but below 85% of all hospitals in the state.
- \$\$\$\$ The hospital is among the most costly. This cost is higher than 85% of all hospitals in the state.

Range of Costs for CT Scan of Head without Contrast by Hospital (3 of 5)



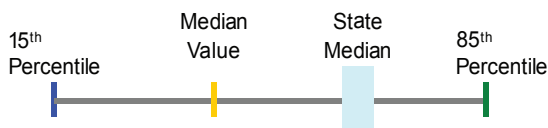
If the 15th Percentile and Median values for a hospital are equal, then only Median and 85th Percentile values are shown on the graph;

If the Median and 85th Percentile values for a hospital are equal, then only 15th Percentile and 85th Percentile values are shown on the graph;

If only the 85th Percentile value is shown for a hospital, then the 15th Percentile, Median, and 85th Percentile values are equal.

Refer to the hospital-specific data table to see all cost values for each hospital.

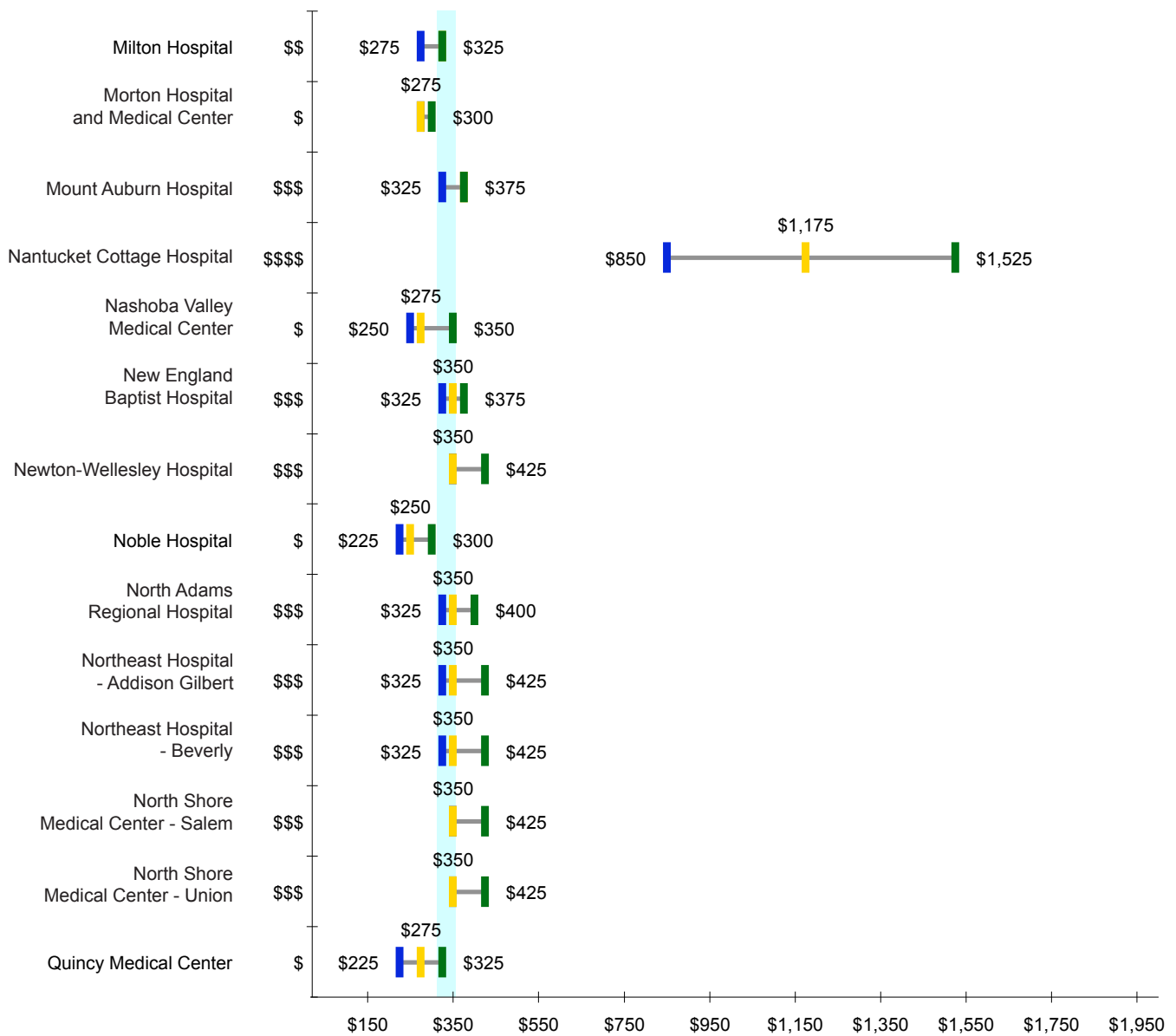
Legend



Cost Ratings

- \$ The hospital is among the least costly. This cost is lower than 85% of all hospitals in the state.
- \$\$ The hospital cost is below average. This cost is above 15% but below 50% of all hospitals in the state.
- \$\$\$ The hospital cost is above average. This cost is above 50% but below 85% of all hospitals in the state.
- \$\$\$\$ The hospital is among the most costly. This cost is higher than 85% of all hospitals in the state.

Range of Costs for CT Scan of Head without Contrast by Hospital (4 of 5)



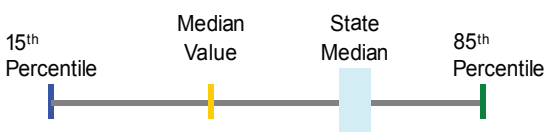
If the 15th Percentile and Median values for a hospital are equal, then only Median and 85th Percentile values are shown on the graph;

If the Median and 85th Percentile values for a hospital are equal, then only 15th Percentile and 85th Percentile values are shown on the graph;

If only the 85th Percentile value is shown for a hospital, then the 15th Percentile, Median, and 85th Percentile values are equal.

Refer to the hospital-specific data table to see all cost values for each hospital.

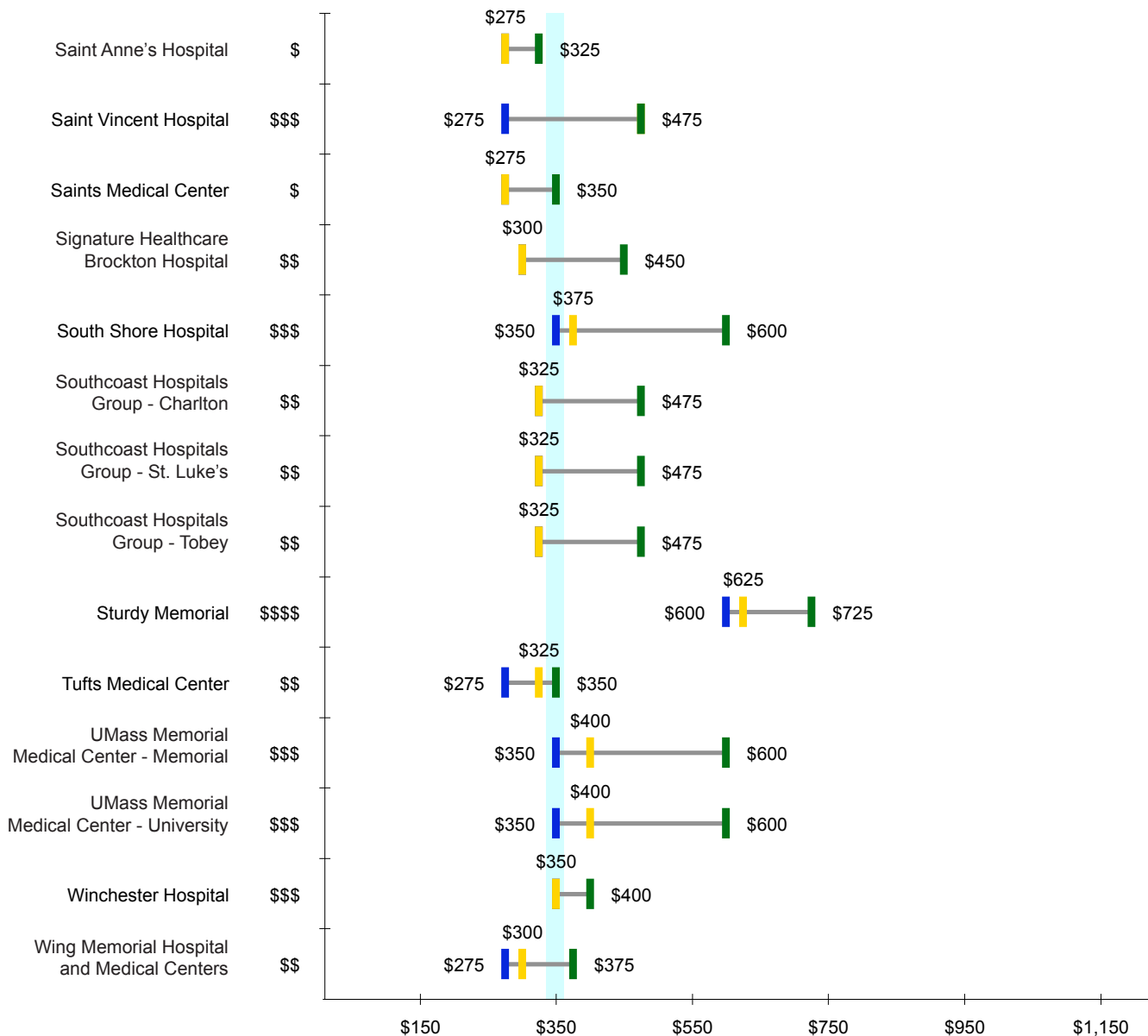
Legend



Cost Ratings

- \$ The hospital is among the least costly. This cost is lower than 85% of all hospitals in the state.
- \$\$ The hospital cost is below average. This cost is above 15% but below 50% of all hospitals in the state.
- \$\$\$ The hospital cost is above average. This cost is above 50% but below 85% of all hospitals in the state.
- \$\$\$\$ The hospital is among the most costly. This cost is higher than 85% of all hospitals in the state.

Range of Costs for CT Scan of Head without Contrast by Hospital (5 of 5)



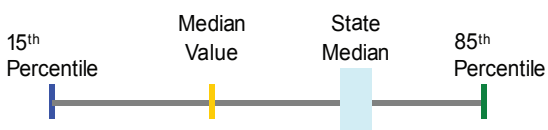
If the 15th Percentile and Median values for a hospital are equal, then only Median and 85th Percentile values are shown on the graph;

If the Median and 85th Percentile values for a hospital are equal, then only 15th Percentile and 85th Percentile values are shown on the graph;

If only the 85th Percentile value is shown for a hospital, then the 15th Percentile, Median, and 85th Percentile values are equal.

Refer to the hospital-specific data table to see all cost values for each hospital.

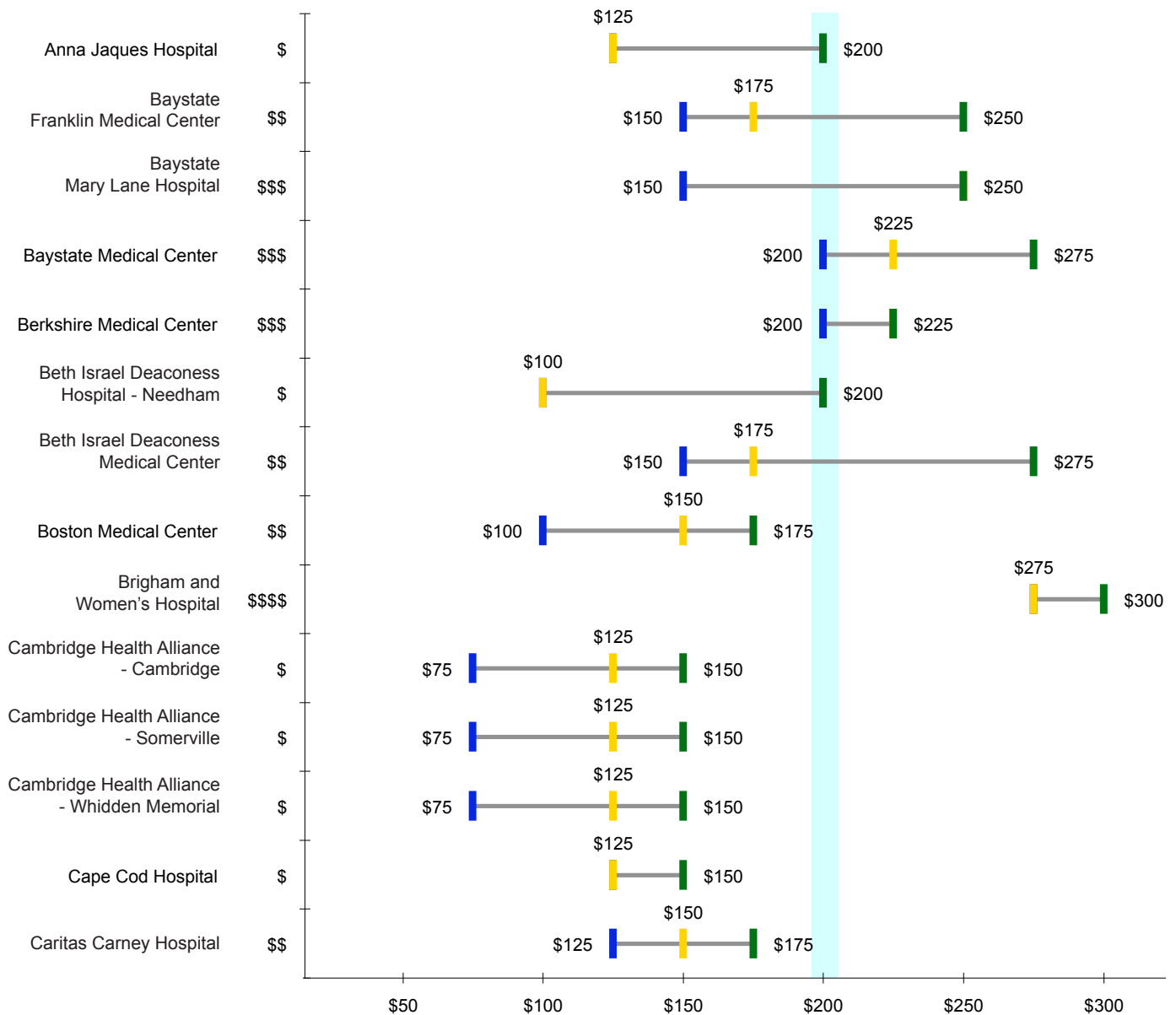
Legend



Cost Ratings

- \$ The hospital is among the least costly. This cost is lower than 85% of all hospitals in the state.
- \$\$ The hospital cost is below average. This cost is above 15% but below 50% of all hospitals in the state.
- \$\$\$ The hospital cost is above average. This cost is above 50% but below 85% of all hospitals in the state.
- \$\$\$\$ The hospital is among the most costly. This cost is higher than 85% of all hospitals in the state.

Range of Costs for Doppler Echocardiography by Hospital (1 of 5)



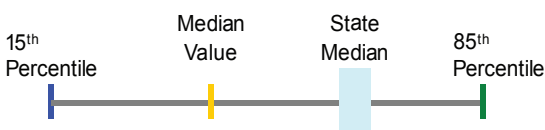
If the 15th Percentile and Median values for a hospital are equal, then only Median and 85th Percentile values are shown on the graph;

If the Median and 85th Percentile values for a hospital are equal, then only 15th Percentile and 85th Percentile values are shown on the graph;

If only the 85th Percentile value is shown for a hospital, then the 15th Percentile, Median, and 85th Percentile values are equal.

Refer to the hospital-specific data table to see all cost values for each hospital.

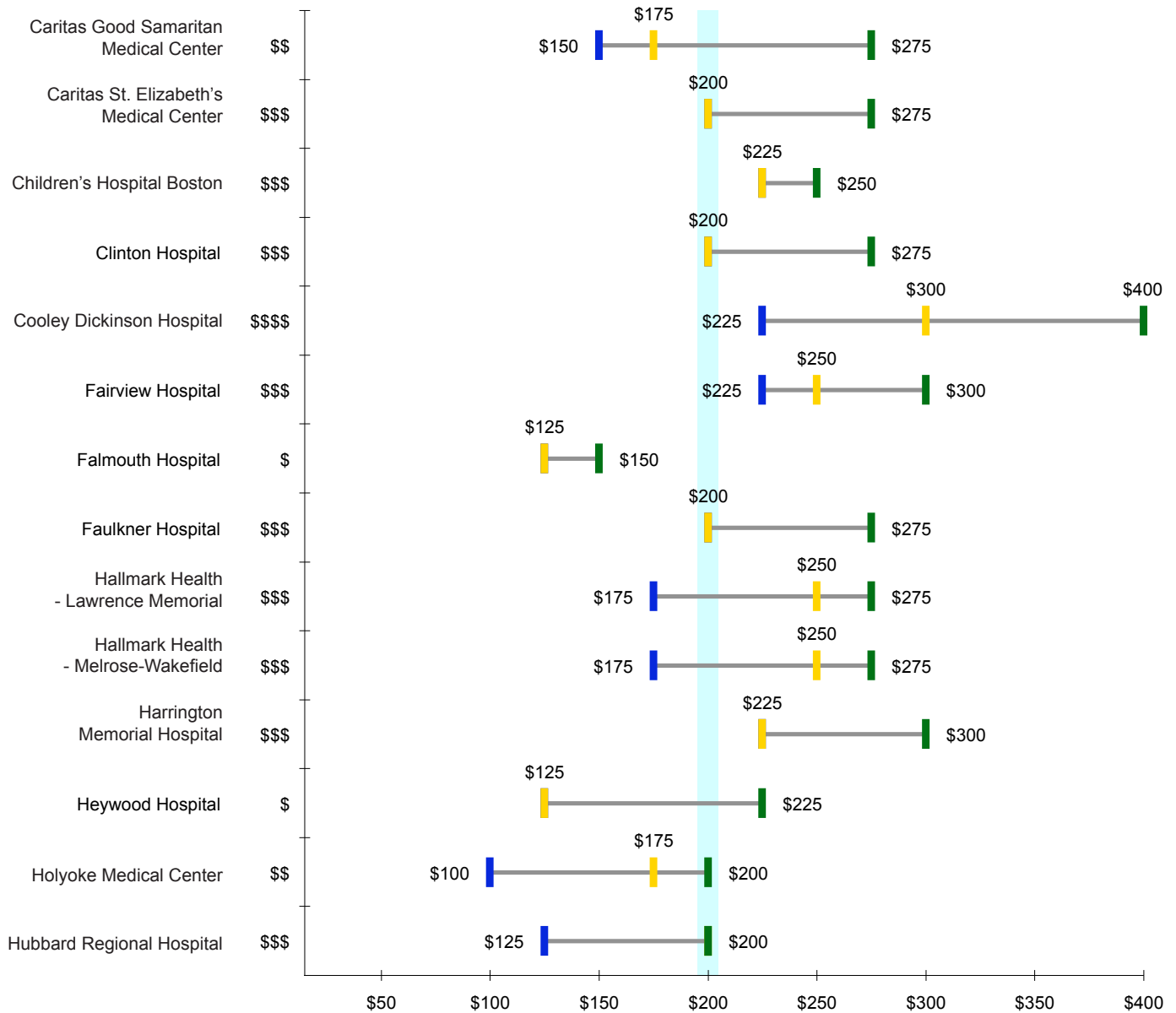
Legend



Cost Ratings

- \$ The hospital is among the least costly. This cost is lower than 85% of all hospitals in the state.
- \$\$ The hospital cost is below average. This cost is above 15% but below 50% of all hospitals in the state.
- \$\$\$ The hospital cost is above average. This cost is above 50% but below 85% of all hospitals in the state.
- \$\$\$\$ The hospital is among the most costly. This cost is higher than 85% of all hospitals in the state.

Range of Costs for Doppler Echocardiography by Hospital (2 of 5)



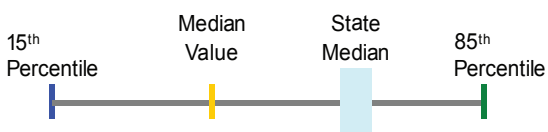
If the 15th Percentile and Median values for a hospital are equal, then only Median and 85th Percentile values are shown on the graph;

If the Median and 85th Percentile values for a hospital are equal, then only 15th Percentile and 85th Percentile values are shown on the graph;

If only the 85th Percentile value is shown for a hospital, then the 15th Percentile, Median, and 85th Percentile values are equal.

Refer to the hospital-specific data table to see all cost values for each hospital.

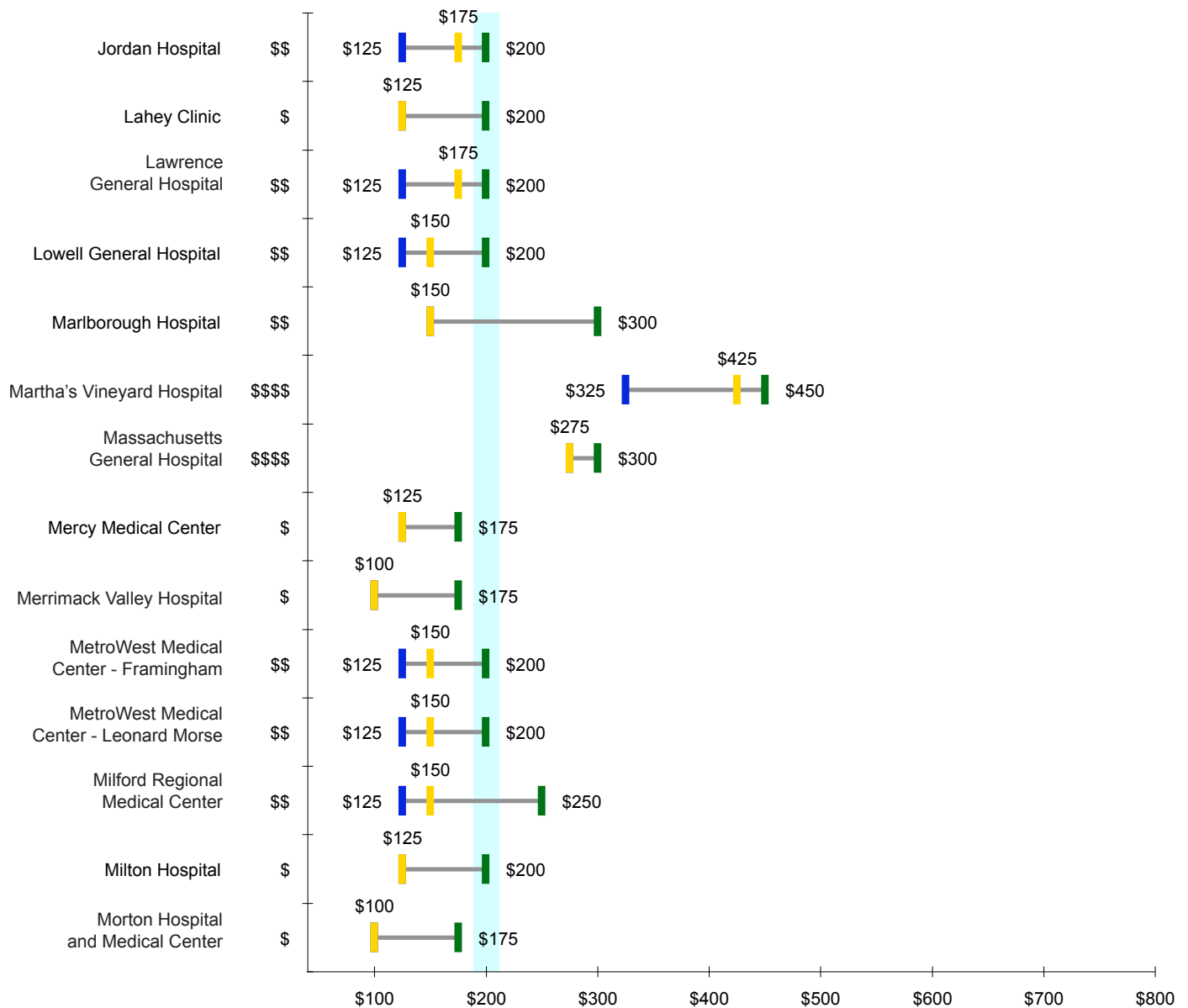
Legend



Cost Ratings

- \$ The hospital is among the least costly. This cost is lower than 85% of all hospitals in the state.
- \$\$ The hospital cost is below average. This cost is above 15% but below 50% of all hospitals in the state.
- \$\$\$ The hospital cost is above average. This cost is above 50% but below 85% of all hospitals in the state.
- \$\$\$\$ The hospital is among the most costly. This cost is higher than 85% of all hospitals in the state.

Range of Costs for Doppler Echocardiography by Hospital (3 of 5)



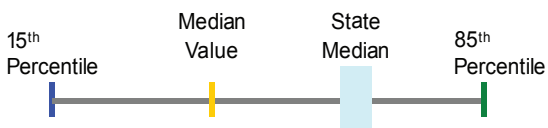
If the 15th Percentile and Median values for a hospital are equal, then only Median and 85th Percentile values are shown on the graph;

If the Median and 85th Percentile values for a hospital are equal, then only 15th Percentile and 85th Percentile values are shown on the graph;

If only the 85th Percentile value is shown for a hospital, then the 15th Percentile, Median, and 85th Percentile values are equal.

Refer to the hospital-specific data table to see all cost values for each hospital.

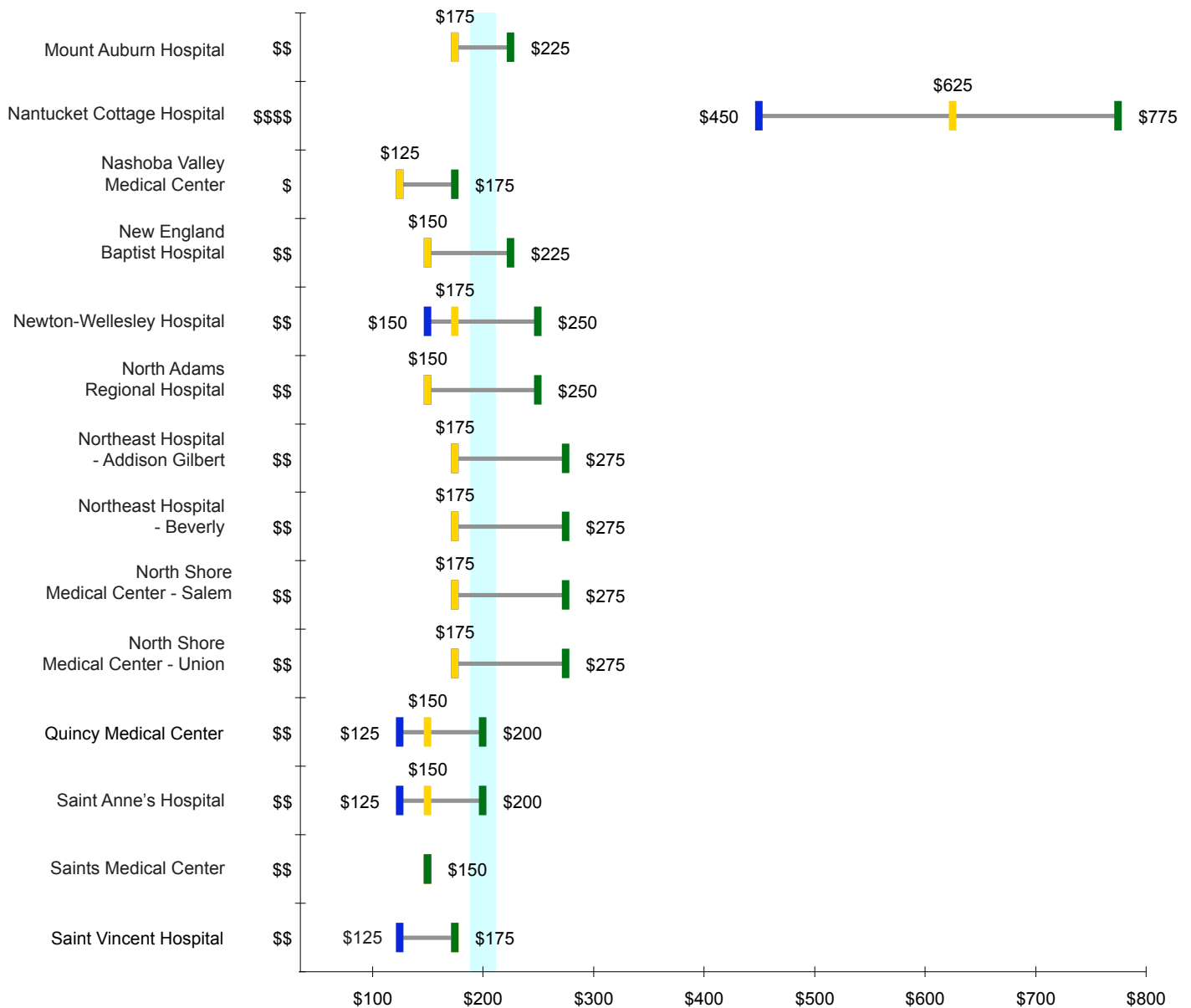
Legend



Cost Ratings

- \$ The hospital is among the least costly. This cost is lower than 85% of all hospitals in the state.
- \$\$ The hospital cost is below average. This cost is above 15% but below 50% of all hospitals in the state.
- \$\$\$ The hospital cost is above average. This cost is above 50% but below 85% of all hospitals in the state.
- \$\$\$\$ The hospital is among the most costly. This cost is higher than 85% of all hospitals in the state.

Range of Costs for Doppler Echocardiography by Hospital (4 of 5)



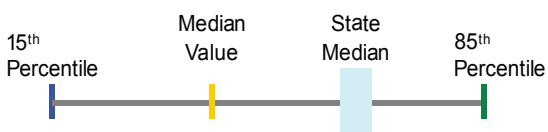
If the 15th Percentile and Median values for a hospital are equal, then only Median and 85th Percentile values are shown on the graph;

If the Median and 85th Percentile values for a hospital are equal, then only 15th Percentile and 85th Percentile values are shown on the graph;

If only the 85th Percentile value is shown for a hospital, then the 15th Percentile, Median, and 85th Percentile values are equal.

Refer to the hospital-specific data table to see all cost values for each hospital.

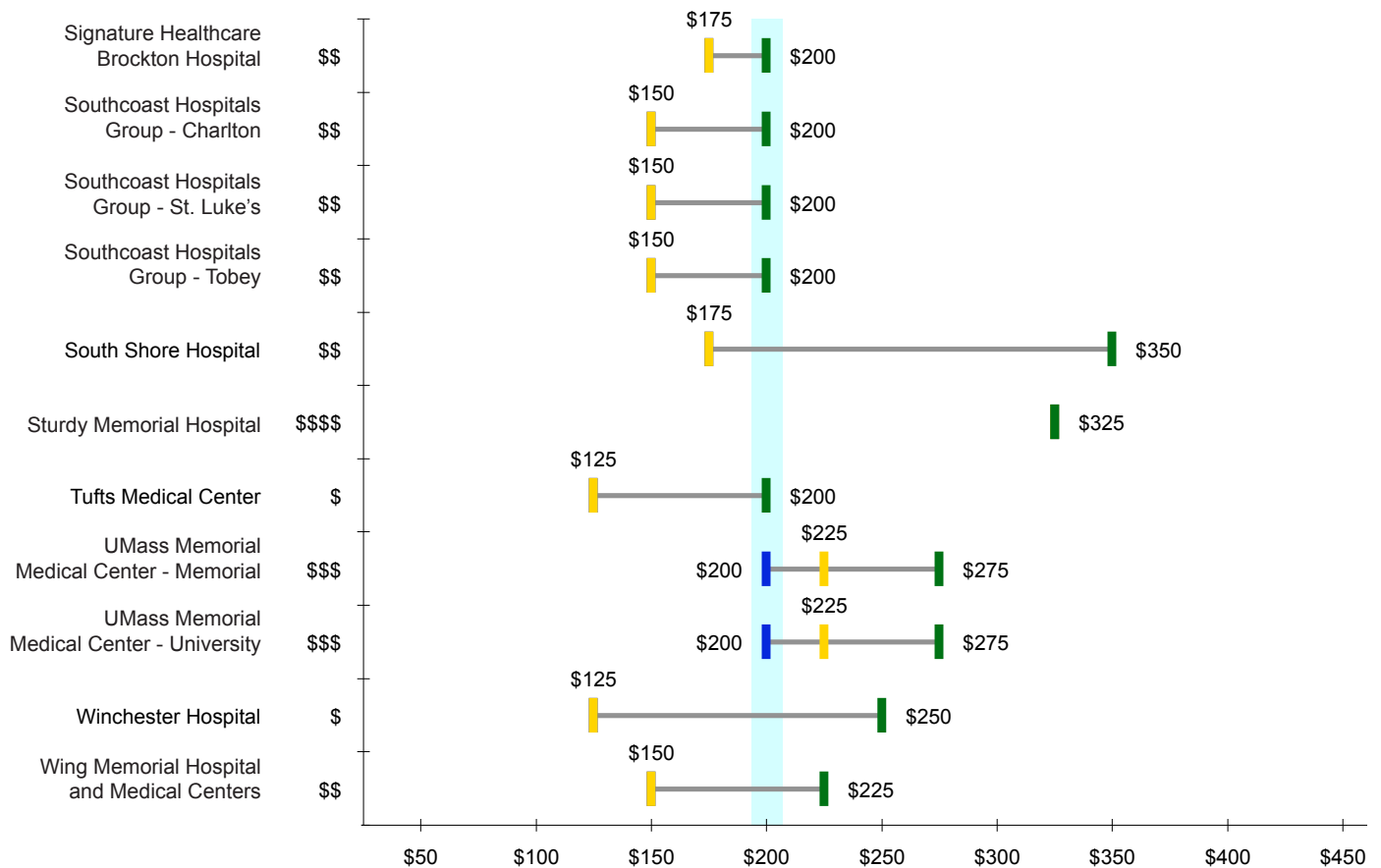
Legend



Cost Ratings

- \$ The hospital is among the least costly. This cost is lower than 85% of all hospitals in the state.
- \$\$ The hospital cost is below average. This cost is above 15% but below 50% of all hospitals in the state.
- \$\$\$ The hospital cost is above average. This cost is above 50% but below 85% of all hospitals in the state.
- \$\$\$\$ The hospital is among the most costly. This cost is higher than 85% of all hospitals in the state.

Range of Costs for Doppler Echocardiography by Hospital (5 of 5)



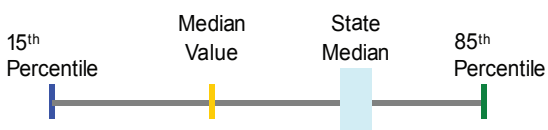
If the 15th Percentile and Median values for a hospital are equal, then only Median and 85th Percentile values are shown on the graph;

If the Median and 85th Percentile values for a hospital are equal, then only 15th Percentile and 85th Percentile values are shown on the graph;

If only the 85th Percentile value is shown for a hospital, then the 15th Percentile, Median, and 85th Percentile values are equal.

Refer to the hospital-specific data table to see all cost values for each hospital.

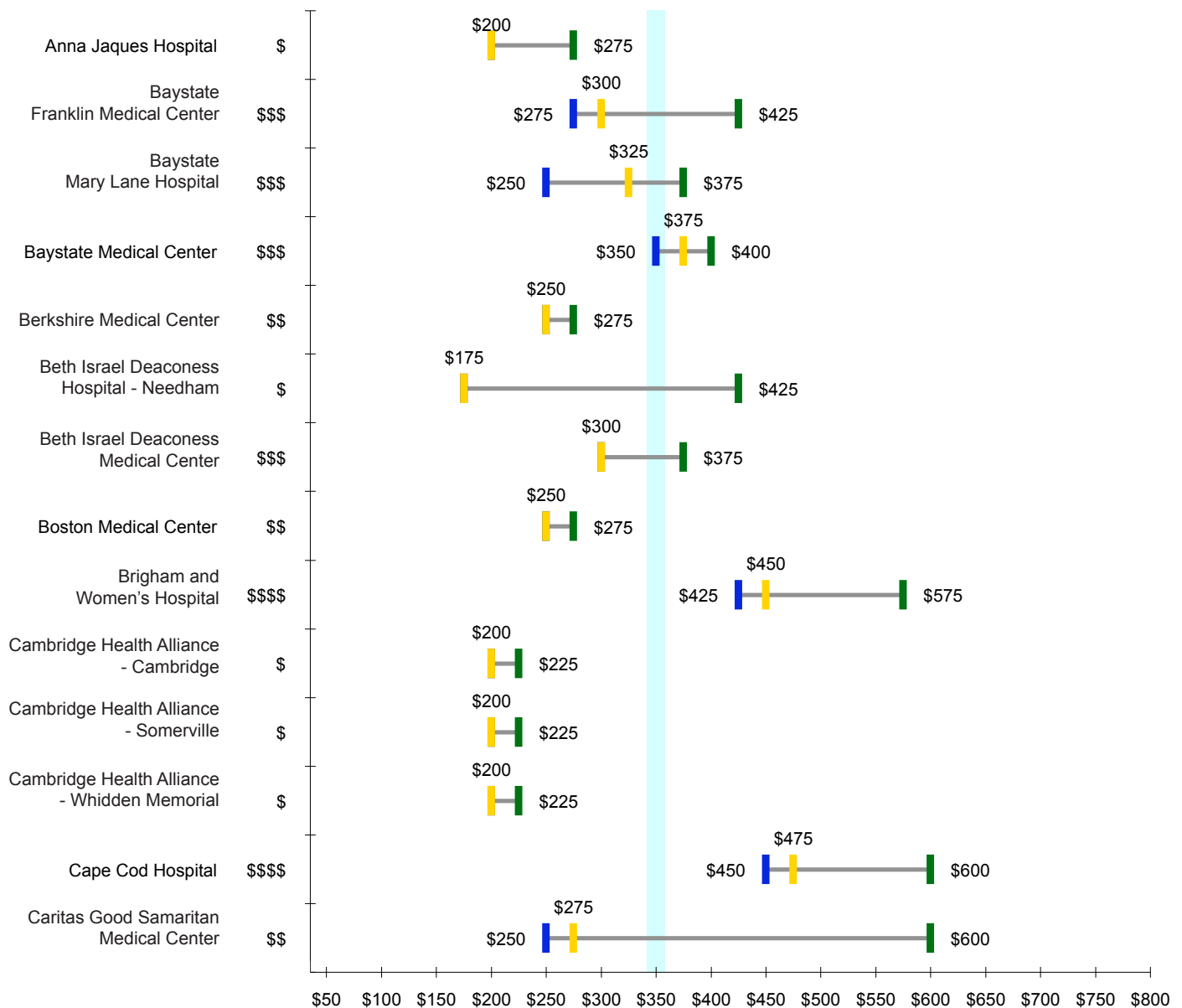
Legend



Cost Ratings

- \$ The hospital is among the least costly. This cost is lower than 85% of all hospitals in the state.
- \$\$ The hospital cost is below average. This cost is above 15% but below 50% of all hospitals in the state.
- \$\$\$ The hospital cost is above average. This cost is above 50% but below 85% of all hospitals in the state.
- \$\$\$\$ The hospital is among the most costly. This cost is higher than 85% of all hospitals in the state.

Range of Costs for Echocardiography with Image Documentation by Hospital (1 of 5)



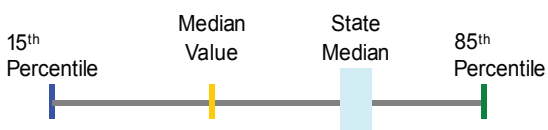
If the 15th Percentile and Median values for a hospital are equal, then only Median and 85th Percentile values are shown on the graph;

If the Median and 85th Percentile values for a hospital are equal, then only 15th Percentile and 85th Percentile values are shown on the graph;

If only the 85th Percentile value is shown for a hospital, then the 15th Percentile, Median, and 85th Percentile values are equal.

Refer to the hospital-specific data table to see all cost values for each hospital.

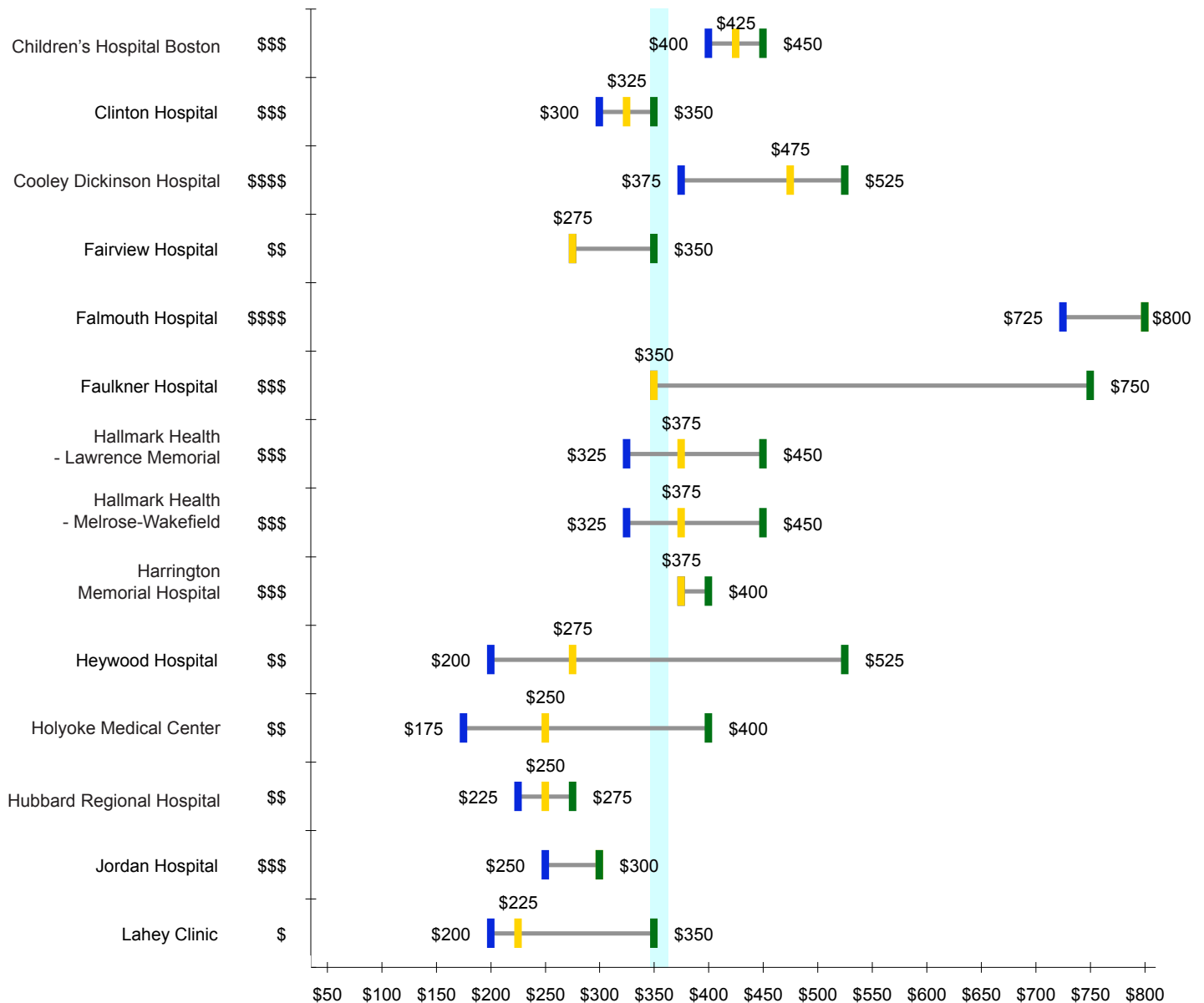
Legend



Cost Ratings

- \$ The hospital is among the least costly. This cost is lower than 85% of all hospitals in the state.
- \$\$ The hospital cost is below average. This cost is above 15% but below 50% of all hospitals in the state.
- \$\$\$ The hospital cost is above average. This cost is above 50% but below 85% of all hospitals in the state.
- \$\$\$\$ The hospital is among the most costly. This cost is higher than 85% of all hospitals in the state.

Range of Costs for Echocardiography with Image Documentation by Hospital (2 of 5)



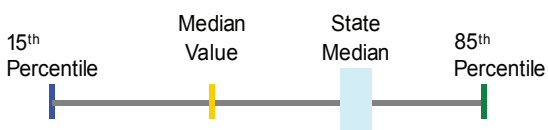
If the 15th Percentile and Median values for a hospital are equal, then only Median and 85th Percentile values are shown on the graph;

If the Median and 85th Percentile values for a hospital are equal, then only 15th Percentile and 85th Percentile values are shown on the graph;

If only the 85th Percentile value is shown for a hospital, then the 15th Percentile, Median, and 85th Percentile values are equal.

Refer to the hospital-specific data table to see all cost values for each hospital.

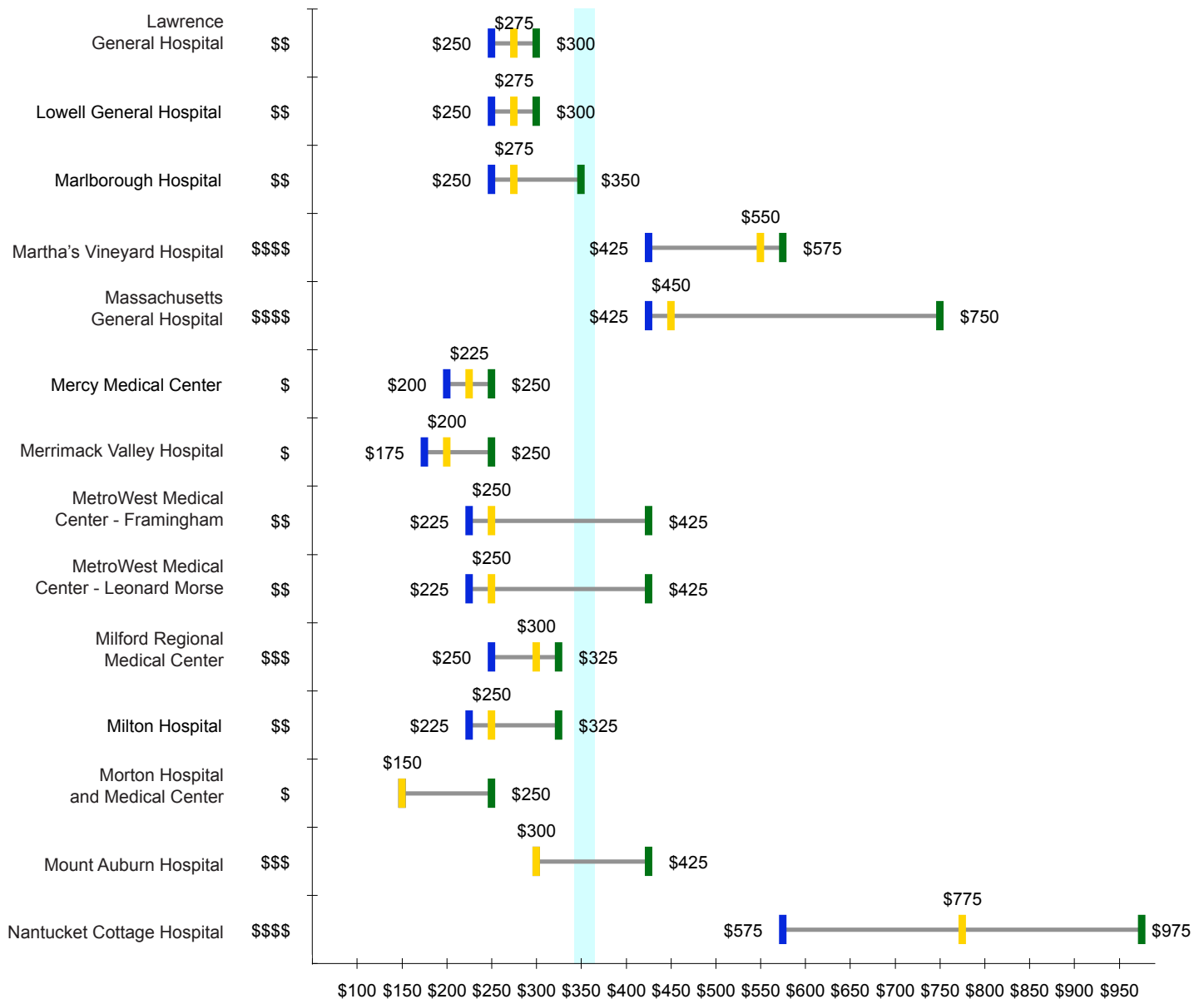
Legend



Cost Ratings

- \$ The hospital is among the least costly. This cost is lower than 85% of all hospitals in the state.
- \$\$ The hospital cost is below average. This cost is above 15% but below 50% of all hospitals in the state.
- \$\$\$ The hospital cost is above average. This cost is above 50% but below 85% of all hospitals in the state.
- \$\$\$\$ The hospital is among the most costly. This cost is higher than 85% of all hospitals in the state.

Range of Costs for Echocardiography with Image Documentation by Hospital (3 of 5)



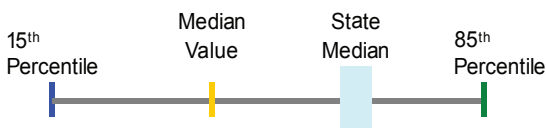
If the 15th Percentile and Median values for a hospital are equal, then only Median and 85th Percentile values are shown on the graph;

If the Median and 85th Percentile values for a hospital are equal, then only 15th Percentile and 85th Percentile values are shown on the graph;

If only the 85th Percentile value is shown for a hospital, then the 15th Percentile, Median, and 85th Percentile values are equal.

Refer to the hospital-specific data table to see all cost values for each hospital.

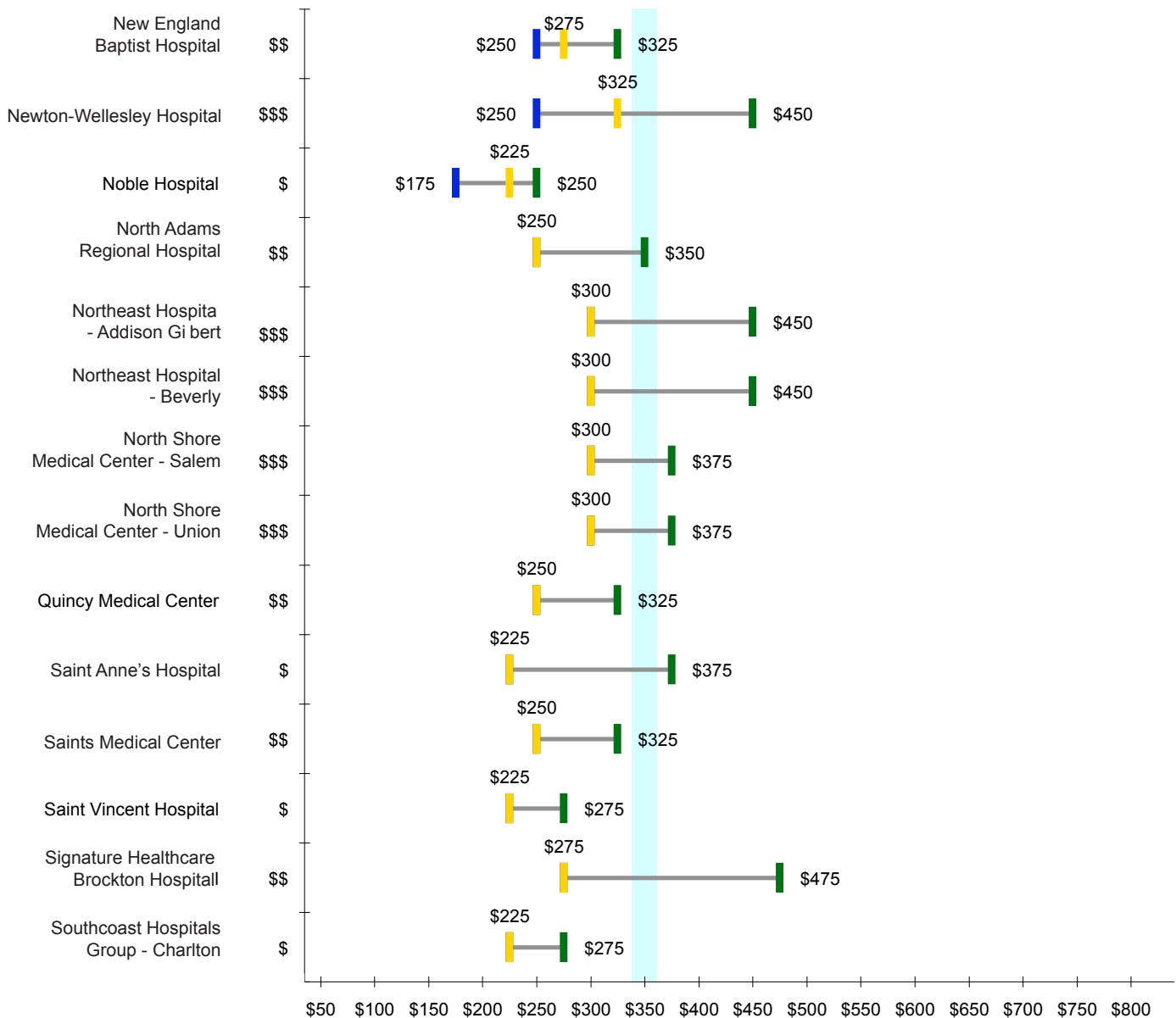
Legend



Cost Ratings

- \$ The hospital is among the least costly. This cost is lower than 85% of all hospitals in the state.
- \$\$ The hospital cost is below average. This cost is above 15% but below 50% of all hospitals in the state.
- \$\$\$ The hospital cost is above average. This cost is above 50% but below 85% of all hospitals in the state.
- \$\$\$\$ The hospital is among the most costly. This cost is higher than 85% of all hospitals in the state.

Range of Costs for Echocardiography with Image Documentation by Hospital (4 of 5)



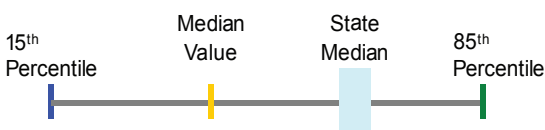
If the 15th Percentile and Median values for a hospital are equal, then only Median and 85th Percentile values are shown on the graph;

If the Median and 85th Percentile values for a hospital are equal, then only 15th Percentile and 85th Percentile values are shown on the graph;

If only the 85th Percentile value is shown for a hospital, then the 15th Percentile, Median, and 85th Percentile values are equal.

Refer to the hospital-specific data table to see all cost values for each hospital.

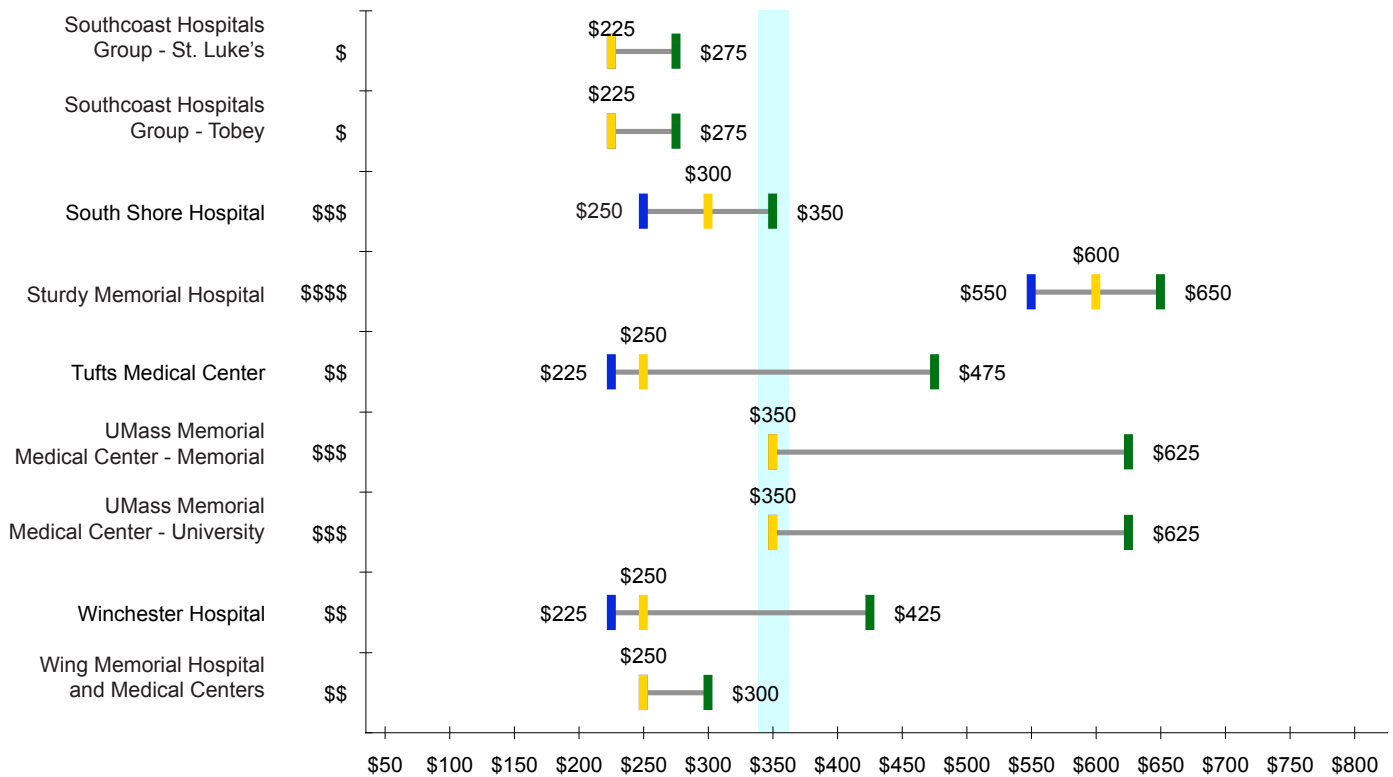
Legend



Cost Ratings

- \$ The hospital is among the least costly. This cost is lower than 85% of all hospitals in the state.
- \$\$ The hospital cost is below average. This cost is above 15% but below 50% of all hospitals in the state.
- \$\$\$ The hospital cost is above average. This cost is above 50% but below 85% of all hospitals in the state.
- \$\$\$\$ The hospital is among the most costly. This cost is higher than 85% of all hospitals in the state.

Range of Costs for Echocardiography with Image Documentation by Hospital (5 of 5)



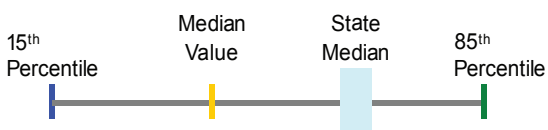
If the 15th Percentile and Median values for a hospital are equal, then only Median and 85th Percentile values are shown on the graph;

If the Median and 85th Percentile values for a hospital are equal, then only 15th Percentile and 85th Percentile values are shown on the graph;

If only the 85th Percentile value is shown for a hospital, then the 15th Percentile, Median, and 85th Percentile values are equal.

Refer to the hospital-specific data table to see all cost values for each hospital.

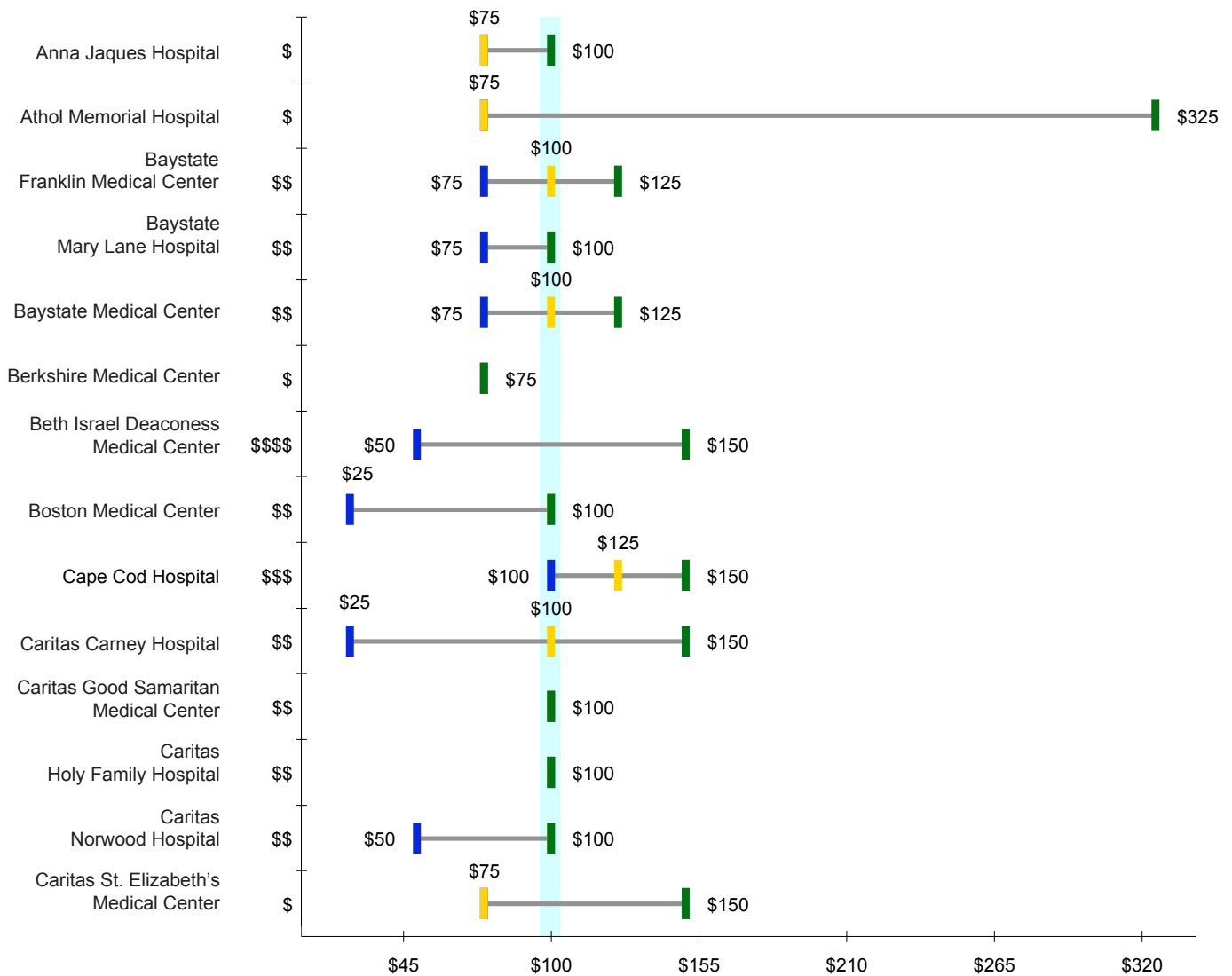
Legend



Cost Ratings

- \$ The hospital is among the least costly. This cost is lower than 85% of all hospitals in the state.
- \$\$ The hospital cost is below average. This cost is above 15% but below 50% of all hospitals in the state.
- \$\$\$ The hospital cost is above average. This cost is above 50% but below 85% of all hospitals in the state.
- \$\$\$\$ The hospital is among the most costly. This cost is higher than 85% of all hospitals in the state.

Range of Costs for Mammogram Screening by Hospital (1 of 5)



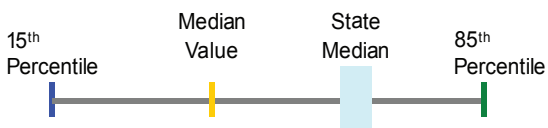
If the 15th Percentile and Median values for a hospital are equal, then only Median and 85th Percentile values are shown on the graph;

If the Median and 85th Percentile values for a hospital are equal, then only 15th Percentile and 85th Percentile values are shown on the graph;

If only the 85th Percentile value is shown for a hospital, then the 15th Percentile, Median, and 85th Percentile values are equal.

Refer to the hospital-specific data table to see all cost values for each hospital.

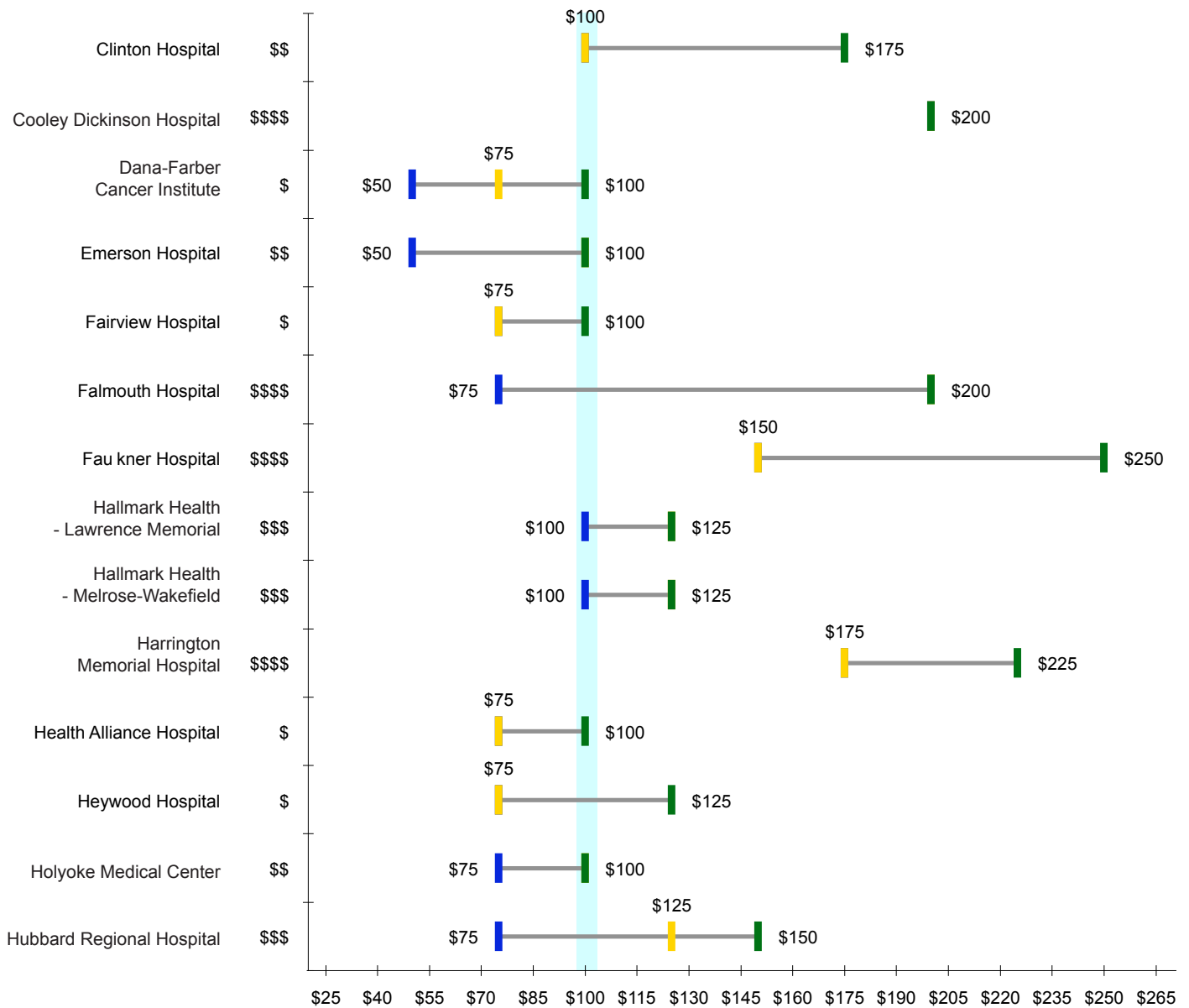
Legend



Cost Ratings

- \$** The hospital is among the least costly. This cost is lower than 85% of all hospitals in the state.
- \$\$** The hospital cost is below average. This cost is above 15% but below 50% of all hospitals in the state.
- \$\$\$** The hospital cost is above average. This cost is above 50% but below 85% of all hospitals in the state.
- \$\$\$\$** The hospital is among the most costly. This cost is higher than 85% of all hospitals in the state.

Range of Costs for Mammogram Screening by Hospital (2 of 5)



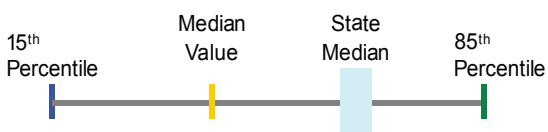
If the 15th Percentile and Median values for a hospital are equal, then only Median and 85th Percentile values are shown on the graph;

If the Median and 85th Percentile values for a hospital are equal, then only 15th Percentile and 85th Percentile values are shown on the graph;

If only the 85th Percentile value is shown for a hospital, then the 15th Percentile, Median, and 85th Percentile values are equal.

Refer to the hospital-specific data table to see all cost values for each hospital.

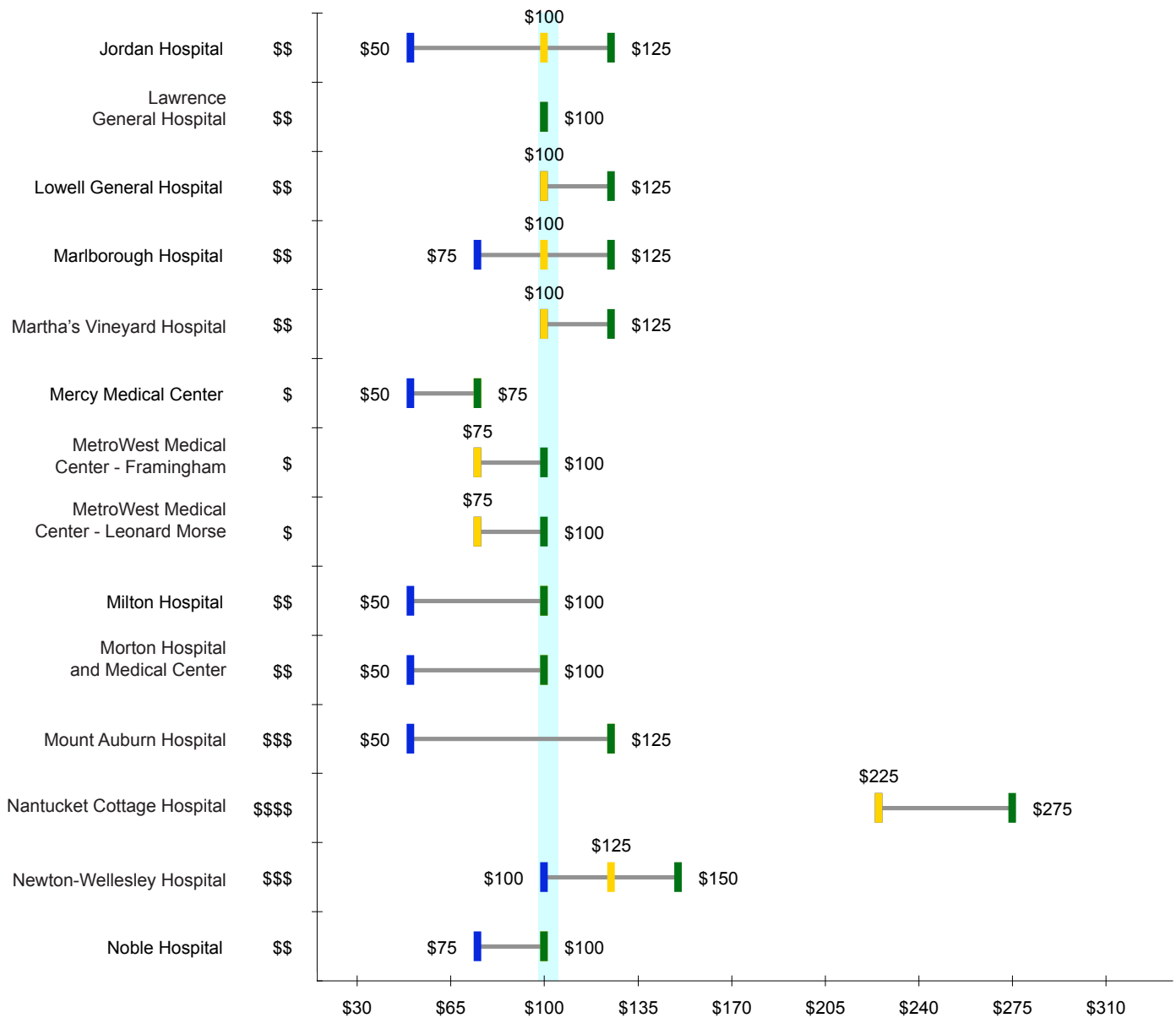
Legend



Cost Ratings

- \$ The hospital is among the least costly. This cost is lower than 85% of all hospitals in the state.
- \$\$ The hospital cost is below average. This cost is above 15% but below 50% of all hospitals in the state.
- \$\$\$ The hospital cost is above average. This cost is above 50% but below 85% of all hospitals in the state.
- \$\$\$\$ The hospital is among the most costly. This cost is higher than 85% of all hospitals in the state.

Range of Costs for Mammogram Screening by Hospital (3 of 5)



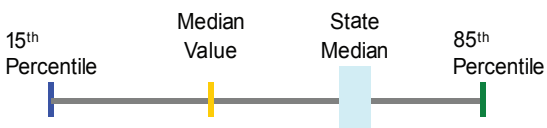
If the 15th Percentile and Median values for a hospital are equal, then only Median and 85th Percentile values are shown on the graph;

If the Median and 85th Percentile values for a hospital are equal, then only 15th Percentile and 85th Percentile values are shown on the graph;

If only the 85th Percentile value is shown for a hospital, then the 15th Percentile, Median, and 85th Percentile values are equal.

Refer to the hospital-specific data table to see all cost values for each hospital.

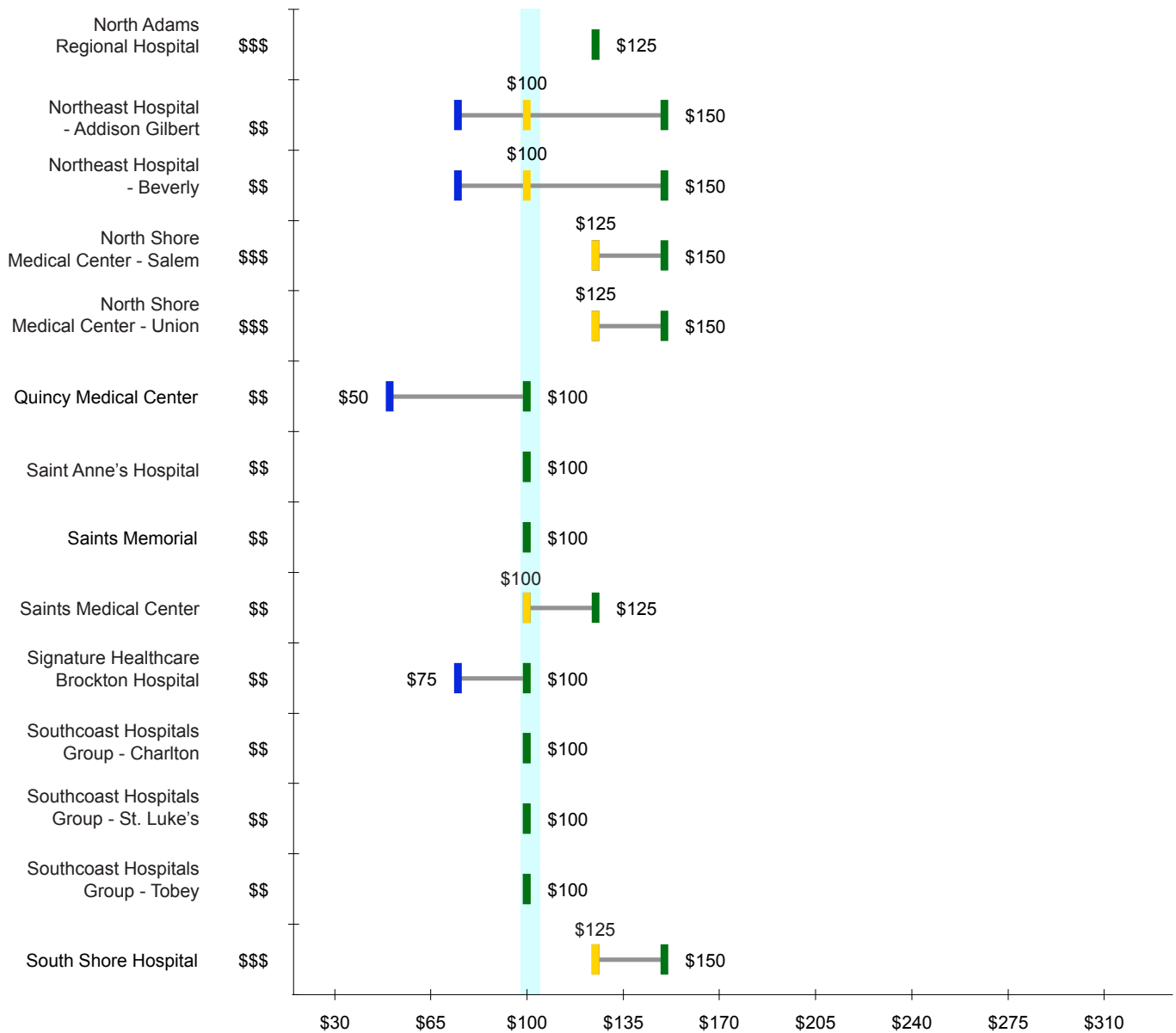
Legend



Cost Ratings

- \$ The hospital is among the least costly. This cost is lower than 85% of all hospitals in the state.
- \$\$ The hospital cost is below average. This cost is above 15% but below 50% of all hospitals in the state.
- \$\$\$ The hospital cost is above average. This cost is above 50% but below 85% of all hospitals in the state.
- \$\$\$\$ The hospital is among the most costly. This cost is higher than 85% of all hospitals in the state.

Range of Costs for Mammogram Screening by Hospital (4 of 5)



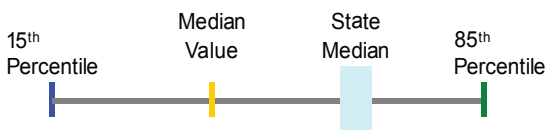
If the 15th Percentile and Median values for a hospital are equal, then only Median and 85th Percentile values are shown on the graph;

If the Median and 85th Percentile values for a hospital are equal, then only 15th Percentile and 85th Percentile values are shown on the graph;

If only the 85th Percentile value is shown for a hospital, then the 15th Percentile, Median, and 85th Percentile values are equal.

Refer to the hospital-specific data table to see all cost values for each hospital.

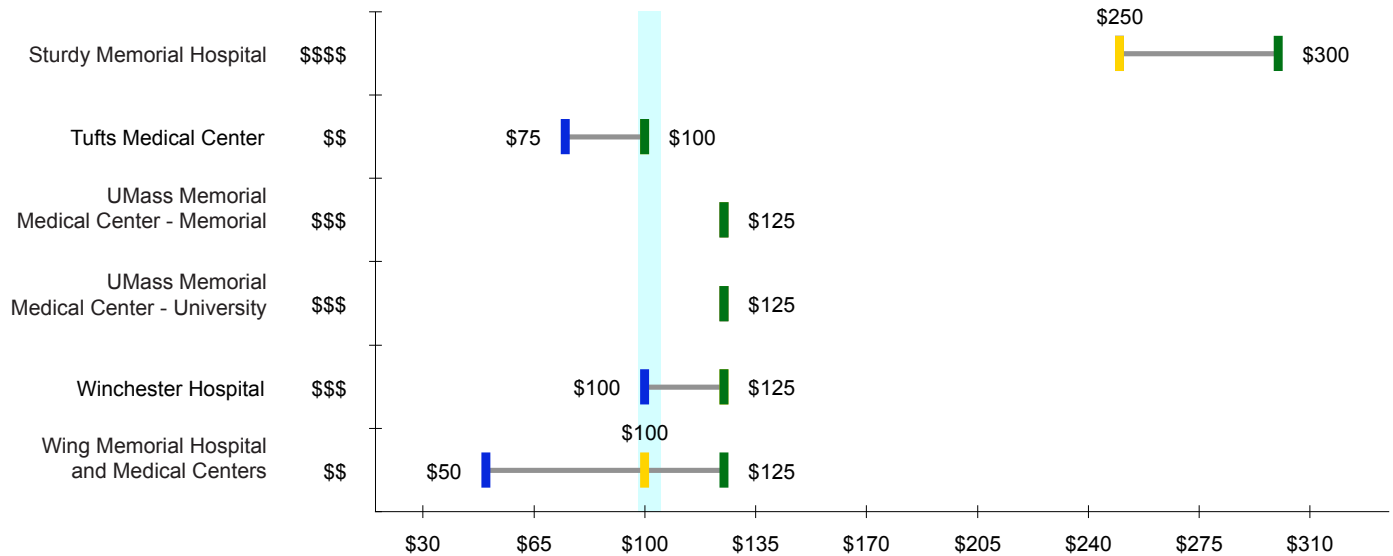
Legend



Cost Ratings

- \$ The hospital is among the least costly. This cost is lower than 85% of all hospitals in the state.
- \$\$ The hospital cost is below average. This cost is above 15% but below 50% of all hospitals in the state.
- \$\$\$ The hospital cost is above average. This cost is above 50% but below 85% of all hospitals in the state.
- \$\$\$\$ The hospital is among the most costly. This cost is higher than 85% of all hospitals in the state.

Range of Costs for Mammogram Screening by Hospital (5 of 5)



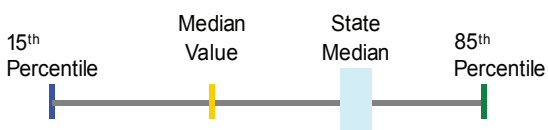
If the 15th Percentile and Median values for a hospital are equal, then only Median and 85th Percentile values are shown on the graph;

If the Median and 85th Percentile values for a hospital are equal, then only 15th Percentile and 85th Percentile values are shown on the graph;

If only the 85th Percentile value is shown for a hospital, then the 15th Percentile, Median, and 85th Percentile values are equal.

Refer to the hospital-specific data table to see all cost values for each hospital.

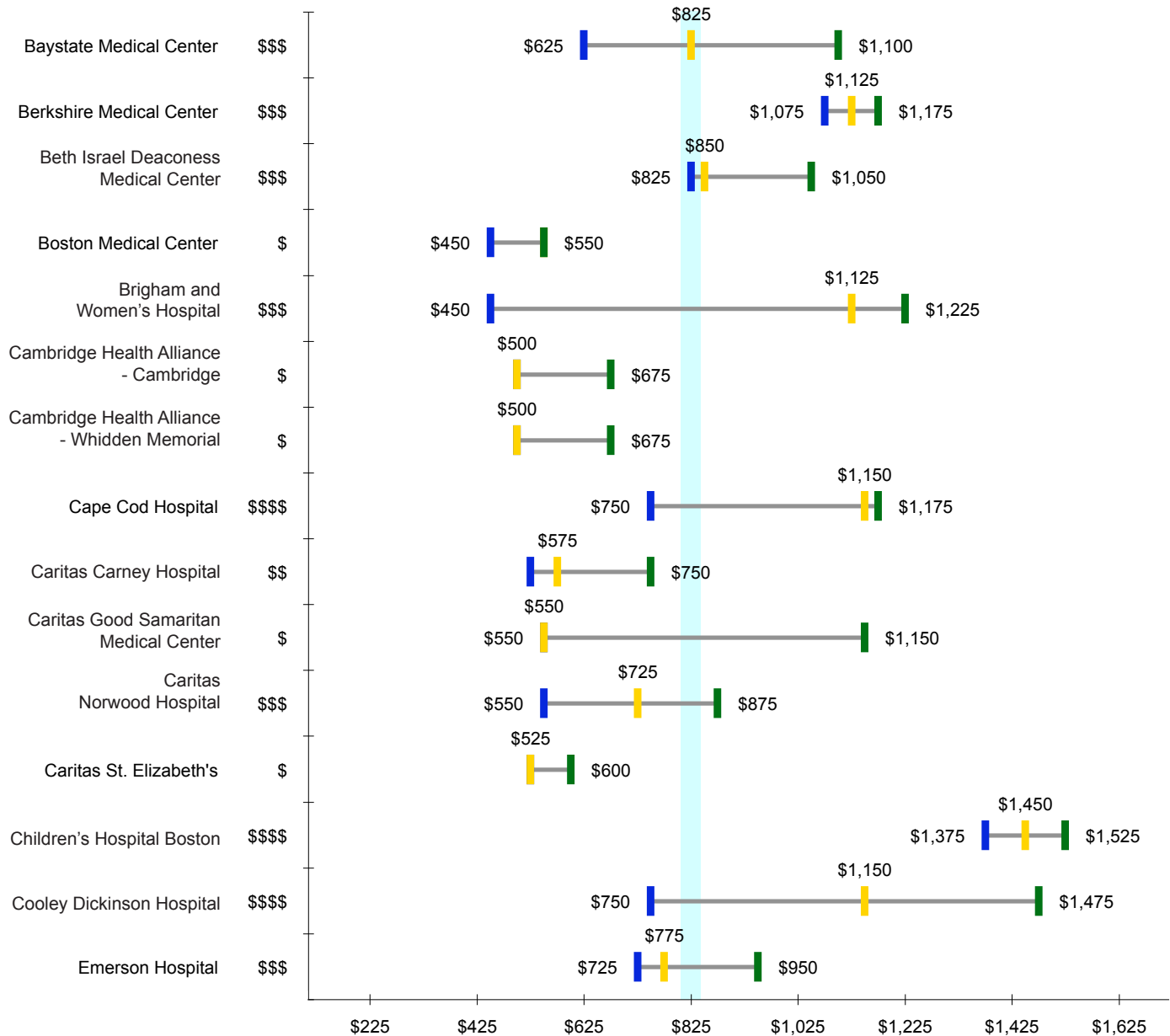
Legend



Cost Ratings

- \$ The hospital is among the least costly. This cost is lower than 85% of all hospitals in the state.
- \$\$ The hospital cost is below average. This cost is above 15% but below 50% of all hospitals in the state.
- \$\$\$ The hospital cost is above average. This cost is above 50% but below 85% of all hospitals in the state.
- \$\$\$\$ The hospital is among the most costly. This cost is higher than 85% of all hospitals in the state.

Range of Costs for MRI of Brain without Contrast by Hospital (1 of 3)



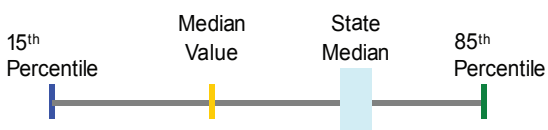
If the 15th Percentile and Median values for a hospital are equal, then only Median and 85th Percentile values are shown on the graph;

If the Median and 85th Percentile values for a hospital are equal, then only 15th Percentile and 85th Percentile values are shown on the graph;

If only the 85th Percentile value is shown for a hospital, then the 15th Percentile, Median, and 85th Percentile values are equal.

Refer to the hospital-specific data table to see all cost values for each hospital.

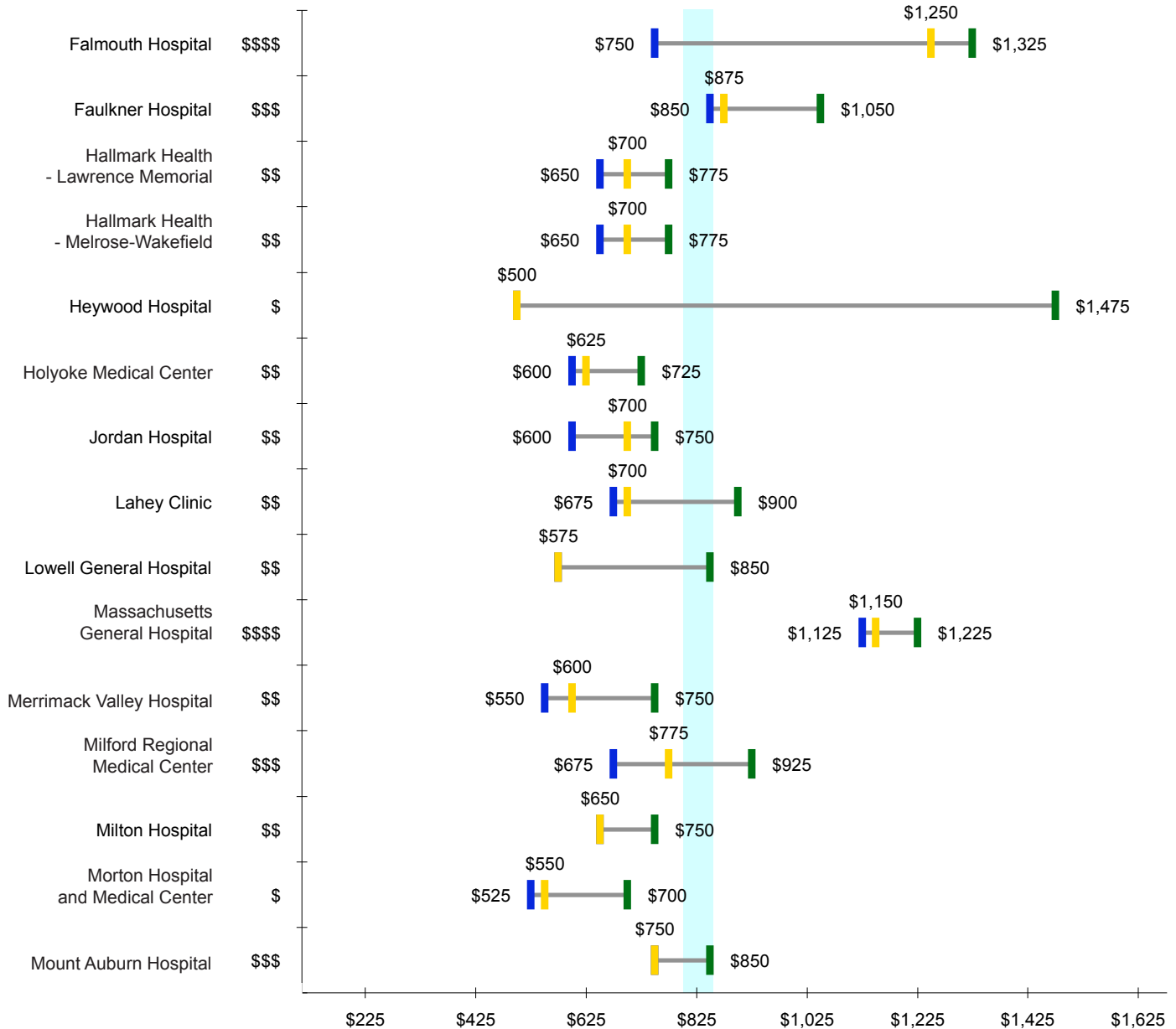
Legend



Cost Ratings

- \$ The hospital is among the least costly. This cost is lower than 85% of all hospitals in the state.
- \$\$ The hospital cost is below average. This cost is above 15% but below 50% of all hospitals in the state.
- \$\$\$ The hospital cost is above average. This cost is above 50% but below 85% of all hospitals in the state.
- \$\$\$\$ The hospital is among the most costly. This cost is higher than 85% of all hospitals in the state.

Range of Costs for MRI of Brain without Contrast by Hospital (2 of 3)



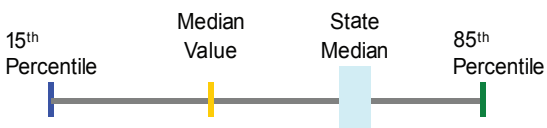
If the 15th Percentile and Median values for a hospital are equal, then only Median and 85th Percentile values are shown on the graph;

If the Median and 85th Percentile values for a hospital are equal, then only 15th Percentile and 85th Percentile values are shown on the graph;

If only the 85th Percentile value is shown for a hospital, then the 15th Percentile, Median, and 85th Percentile values are equal.

Refer to the hospital-specific data table to see all cost values for each hospital.

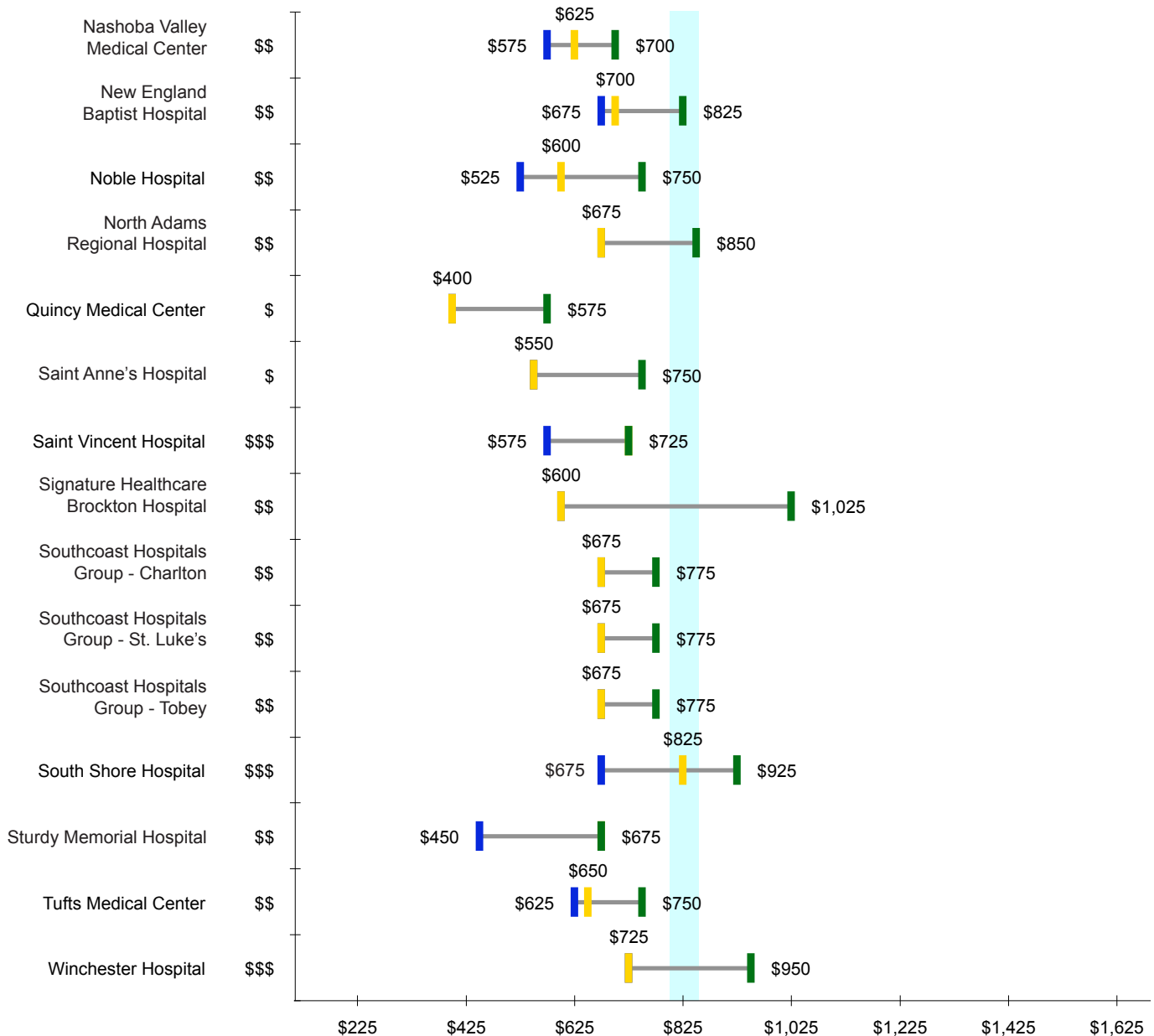
Legend



Cost Ratings

- \$ The hospital is among the least costly. This cost is lower than 85% of all hospitals in the state.
- \$\$ The hospital cost is below average. This cost is above 15% but below 50% of all hospitals in the state.
- \$\$\$ The hospital cost is above average. This cost is above 50% but below 85% of all hospitals in the state.
- \$\$\$\$ The hospital is among the most costly. This cost is higher than 85% of all hospitals in the state.

Range of Costs for MRI of Brain without Contrast by Hospital (3 of 3)



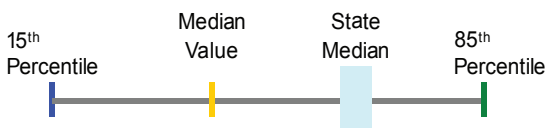
If the 15th Percentile and Median values for a hospital are equal, then only Median and 85th Percentile values are shown on the graph;

If the Median and 85th Percentile values for a hospital are equal, then only 15th Percentile and 85th Percentile values are shown on the graph;

If only the 85th Percentile value is shown for a hospital, then the 15th Percentile, Median, and 85th Percentile values are equal.

Refer to the hospital-specific data table to see all cost values for each hospital.

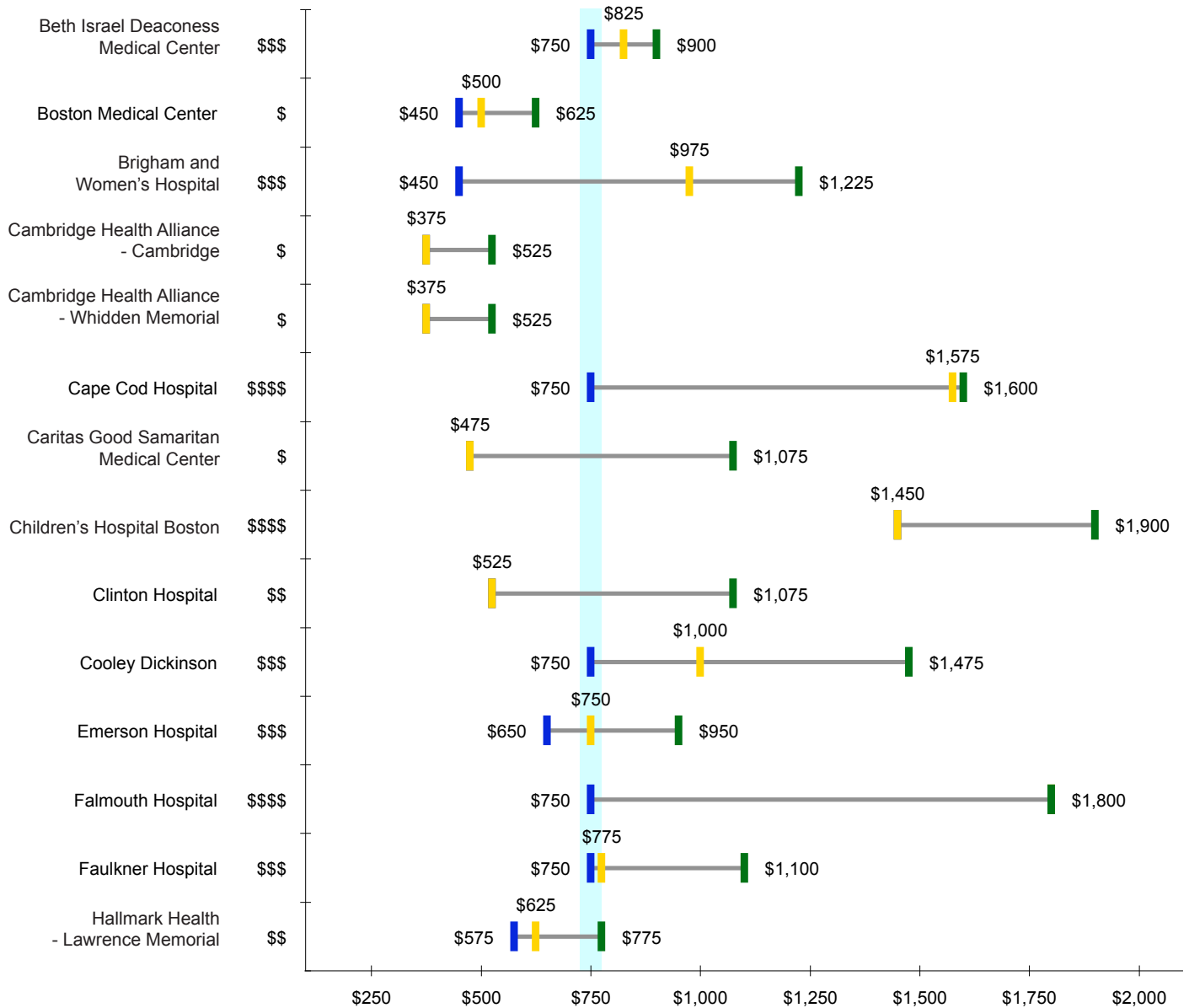
Legend



Cost Ratings

- \$ The hospital is among the least costly. This cost is lower than 85% of all hospitals in the state.
- \$\$ The hospital cost is below average. This cost is above 15% but below 50% of all hospitals in the state.
- \$\$\$ The hospital cost is above average. This cost is above 50% but below 85% of all hospitals in the state.
- \$\$\$\$ The hospital is among the most costly. This cost is higher than 85% of all hospitals in the state.

Range of Costs for MRI of Joint of Lower Extremity by Hospital (1 of 3)



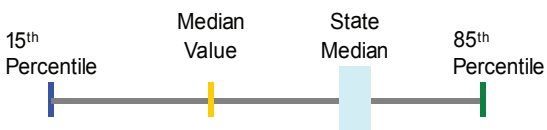
If the 15th Percentile and Median values for a hospital are equal, then only Median and 85th Percentile values are shown on the graph;

If the Median and 85th Percentile values for a hospital are equal, then only 15th Percentile and 85th Percentile values are shown on the graph;

If only the 85th Percentile value is shown for a hospital, then the 15th Percentile, Median, and 85th Percentile values are equal.

Refer to the hospital-specific data table to see all cost values for each hospital.

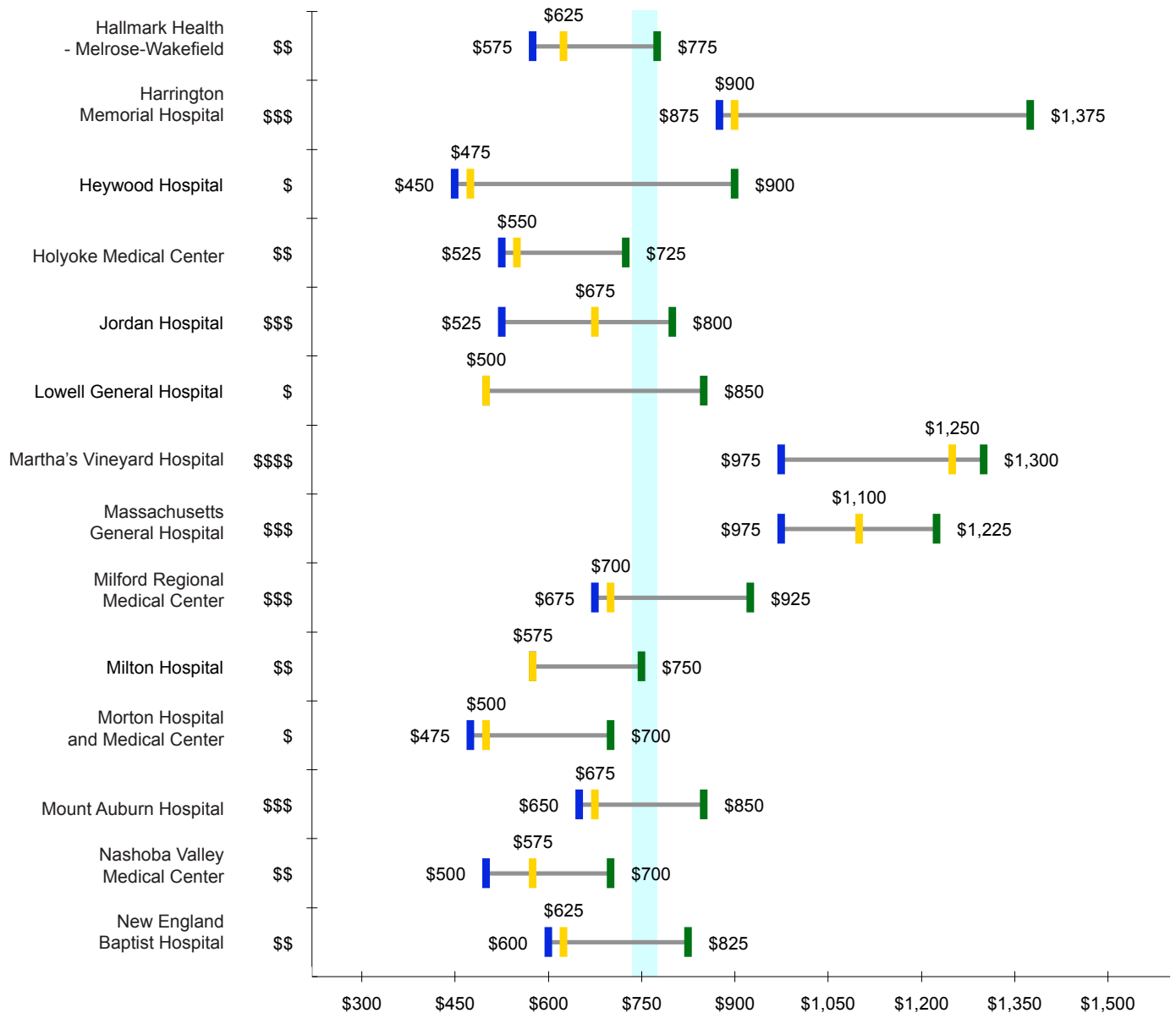
Legend



Cost Ratings

- \$ The hospital is among the least costly. This cost is lower than 85% of all hospitals in the state.
- \$\$ The hospital cost is below average. This cost is above 15% but below 50% of all hospitals in the state.
- \$\$\$ The hospital cost is above average. This cost is above 50% but below 85% of all hospitals in the state.
- \$\$\$\$ The hospital is among the most costly. This cost is higher than 85% of all hospitals in the state.

Range of Costs for MRI of Joint of Lower Extremity by Hospital (2 of 3)



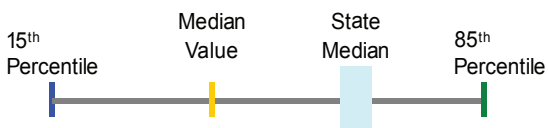
If the 15th Percentile and Median values for a hospital are equal, then only Median and 85th Percentile values are shown on the graph;

If the Median and 85th Percentile values for a hospital are equal, then only 15th Percentile and 85th Percentile values are shown on the graph;

If only the 85th Percentile value is shown for a hospital, then the 15th Percentile, Median, and 85th Percentile values are equal.

Refer to the hospital-specific data table to see all cost values for each hospital.

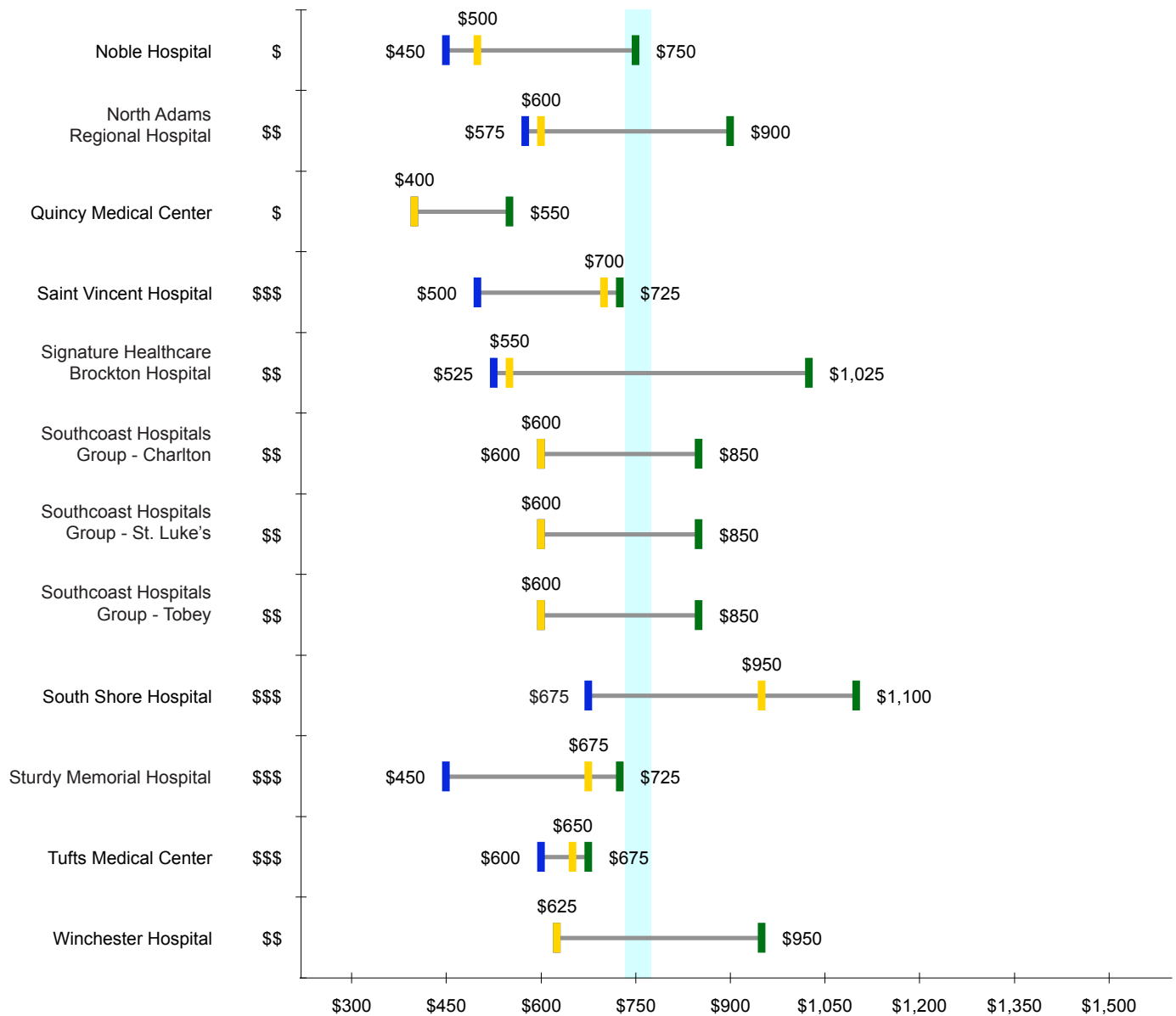
Legend



Cost Ratings

- \$ The hospital is among the least costly. This cost is lower than 85% of all hospitals in the state.
- \$\$ The hospital cost is below average. This cost is above 15% but below 50% of all hospitals in the state.
- \$\$\$ The hospital cost is above average. This cost is above 50% but below 85% of all hospitals in the state.
- \$\$\$\$ The hospital is among the most costly. This cost is higher than 85% of all hospitals in the state.

Range of Costs for MRI of Joint of Lower Extremity by Hospital (3 of 3)



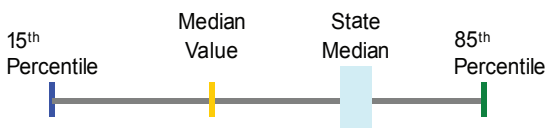
If the 15th Percentile and Median values for a hospital are equal, then only Median and 85th Percentile values are shown on the graph;

If the Median and 85th Percentile values for a hospital are equal, then only 15th Percentile and 85th Percentile values are shown on the graph;

If only the 85th Percentile value is shown for a hospital, then the 15th Percentile, Median, and 85th Percentile values are equal.

Refer to the hospital-specific data table to see all cost values for each hospital.

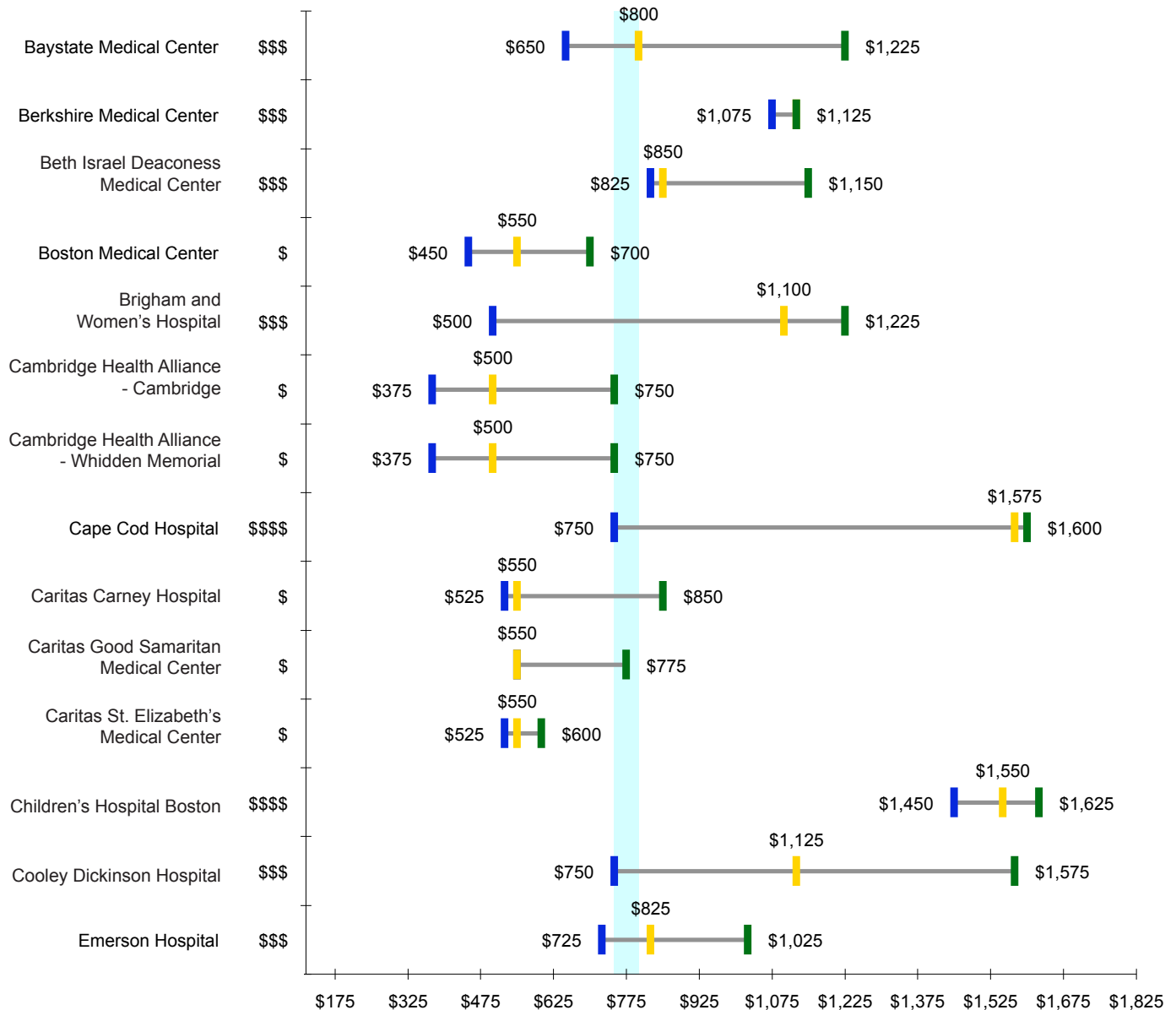
Legend



Cost Ratings

- \$ The hospital is among the least costly. This cost is lower than 85% of all hospitals in the state.
- \$\$ The hospital cost is below average. This cost is above 15% but below 50% of all hospitals in the state.
- \$\$\$ The hospital cost is above average. This cost is above 50% but below 85% of all hospitals in the state.
- \$\$\$\$ The hospital is among the most costly. This cost is higher than 85% of all hospitals in the state.

Range of Costs for MRI of Lumbar Spine without Contrast by Hospital (1 of 4)



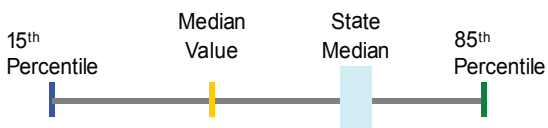
If the 15th Percentile and Median values for a hospital are equal, then only Median and 85th Percentile values are shown on the graph;

If the Median and 85th Percentile values for a hospital are equal, then only 15th Percentile and 85th Percentile values are shown on the graph;

If only the 85th Percentile value is shown for a hospital, then the 15th Percentile, Median, and 85th Percentile values are equal.

Refer to the hospital-specific data table to see all cost values for each hospital.

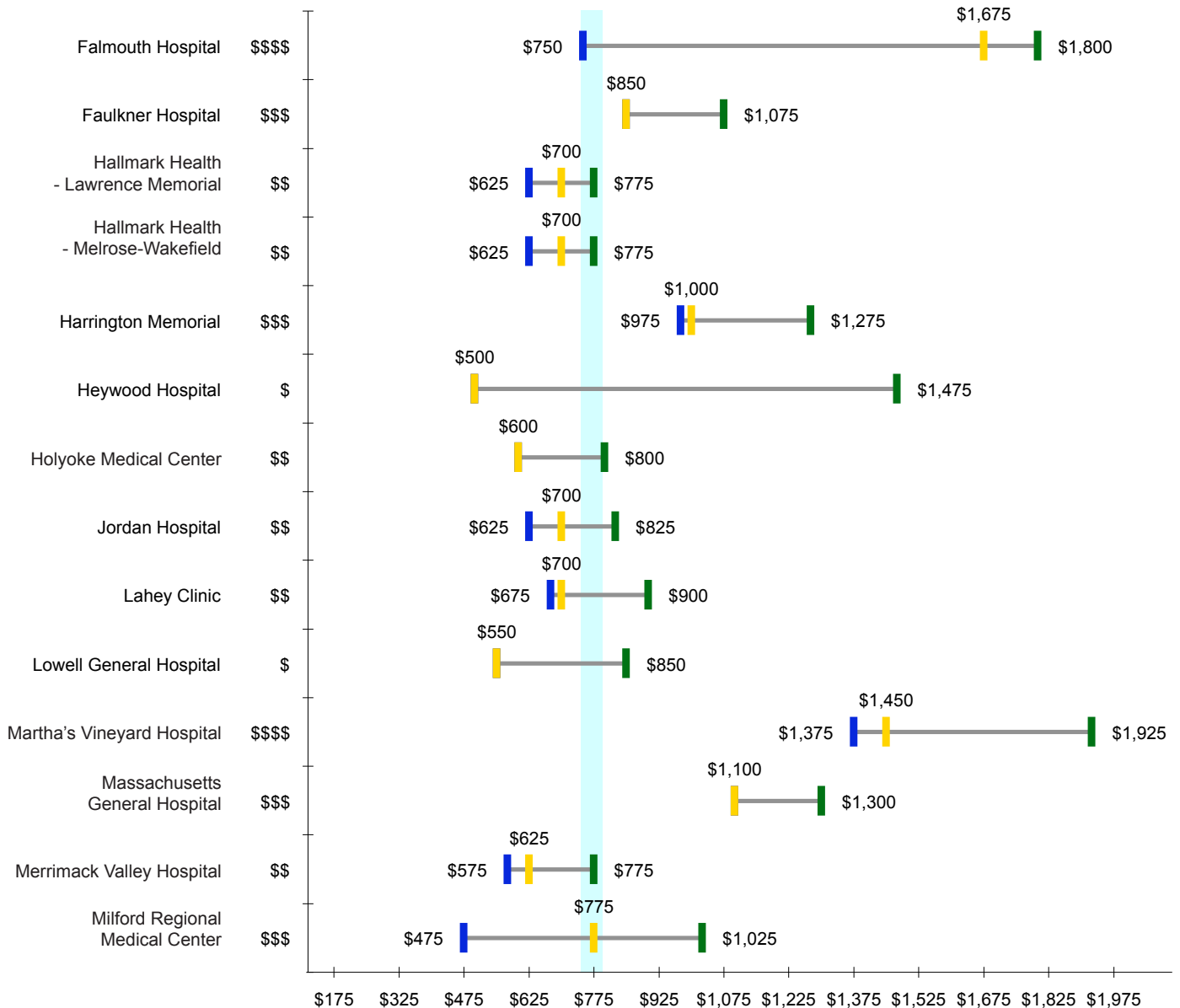
Legend



Cost Ratings

- \$ The hospital is among the least costly. This cost is lower than 85% of all hospitals in the state.
- \$\$ The hospital cost is below average. This cost is above 15% but below 50% of all hospitals in the state.
- \$\$\$ The hospital cost is above average. This cost is above 50% but below 85% of all hospitals in the state.
- \$\$\$\$ The hospital is among the most costly. This cost is higher than 85% of all hospitals in the state.

Range of Costs for MRI of Lumbar Spine without Contrast by Hospital (2 of 4)



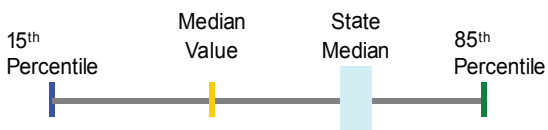
If the 15th Percentile and Median values for a hospital are equal, then only Median and 85th Percentile values are shown on the graph;

If the Median and 85th Percentile values for a hospital are equal, then only 15th Percentile and 85th Percentile values are shown on the graph;

If only the 85th Percentile value is shown for a hospital, then the 15th Percentile, Median, and 85th Percentile values are equal.

Refer to the hospital-specific data table to see all cost values for each hospital.

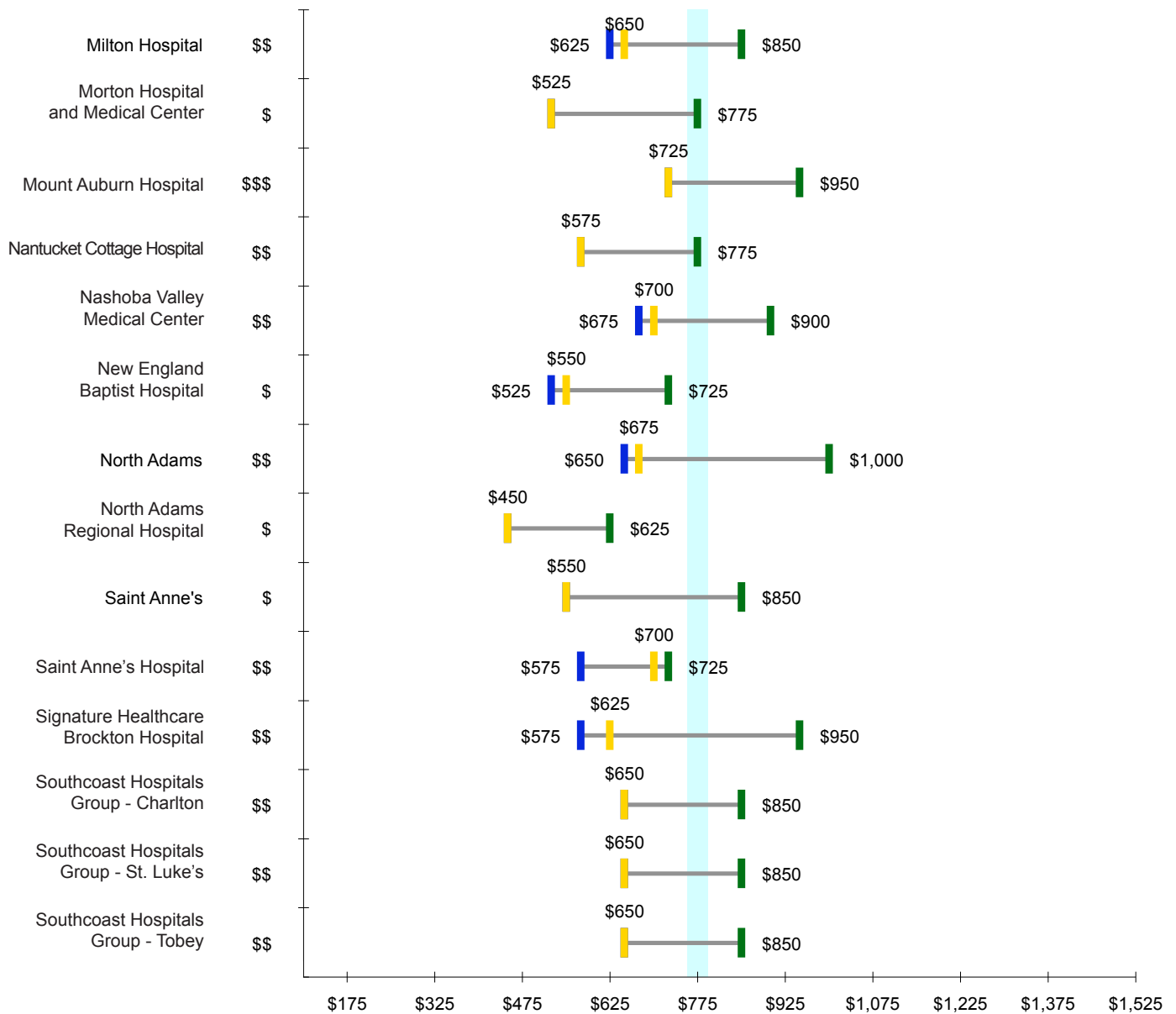
Legend



Cost Ratings

- \$ The hospital is among the least costly. This cost is lower than 85% of all hospitals in the state.
- \$\$ The hospital cost is below average. This cost is above 15% but below 50% of all hospitals in the state.
- \$\$\$ The hospital cost is above average. This cost is above 50% but below 85% of all hospitals in the state.
- \$\$\$\$ The hospital is among the most costly. This cost is higher than 85% of all hospitals in the state.

Range of Costs for MRI of Lumbar Spine without Contrast by Hospital (3 of 4)



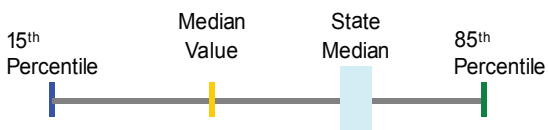
If the 15th Percentile and Median values for a hospital are equal, then only Median and 85th Percentile values are shown on the graph;

If the Median and 85th Percentile values for a hospital are equal, then only 15th Percentile and 85th Percentile values are shown on the graph;

If only the 85th Percentile value is shown for a hospital, then the 15th Percentile, Median, and 85th Percentile values are equal.

Refer to the hospital-specific data table to see all cost values for each hospital.

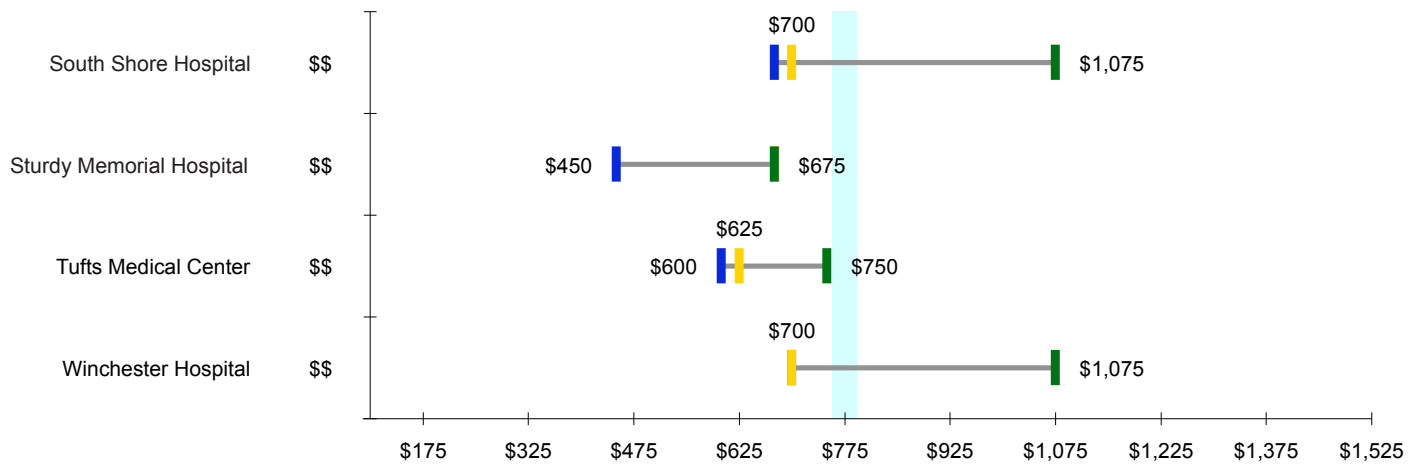
Legend



Cost Ratings

- \$ The hospital is among the least costly. This cost is lower than 85% of all hospitals in the state.
- \$\$ The hospital cost is below average. This cost is above 15% but below 50% of all hospitals in the state.
- \$\$\$ The hospital cost is above average. This cost is above 50% but below 85% of all hospitals in the state.
- \$\$\$\$ The hospital is among the most costly. This cost is higher than 85% of all hospitals in the state.

Range of Costs for MRI of Lumbar Spine without Contrast by Hospital (4 of 4)



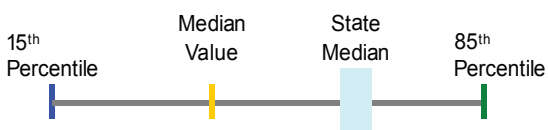
If the 15th Percentile and Median values for a hospital are equal, then only Median and 85th Percentile values are shown on the graph;

If the Median and 85th Percentile values for a hospital are equal, then only 15th Percentile and 85th Percentile values are shown on the graph;

If only the 85th Percentile value is shown for a hospital, then the 15th Percentile, Median, and 85th Percentile values are equal.

Refer to the hospital-specific data table to see all cost values for each hospital.

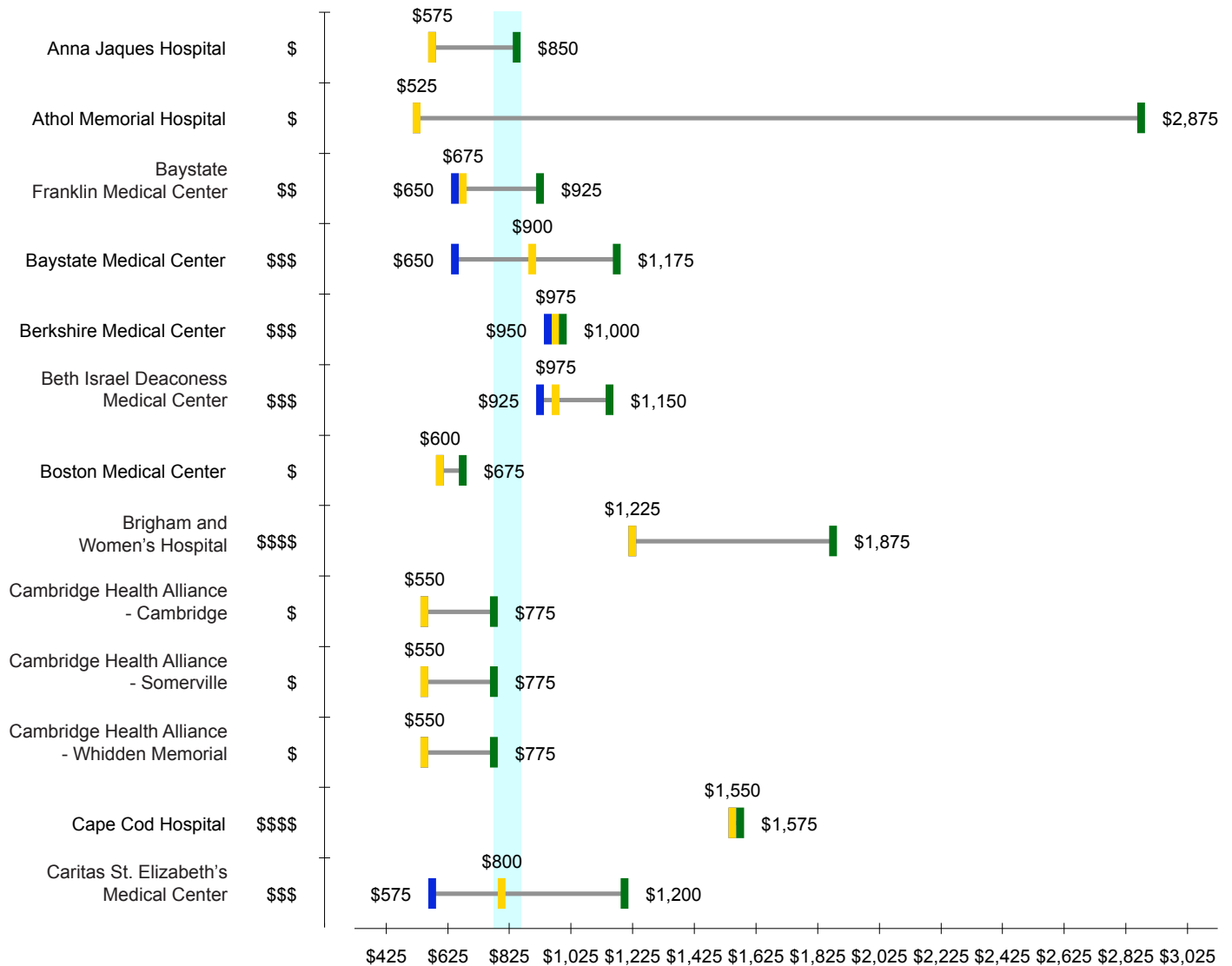
Legend



Cost Ratings

- \$ The hospital is among the least costly. This cost is lower than 85% of all hospitals in the state.
- \$\$ The hospital cost is below average. This cost is above 15% but below 50% of all hospitals in the state.
- \$\$\$ The hospital cost is above average. This cost is above 50% but below 85% of all hospitals in the state.
- \$\$\$\$ The hospital is among the most costly. This cost is higher than 85% of all hospitals in the state.

Range of Costs for Myocardial Perfusion by Hospital (1 of 5)



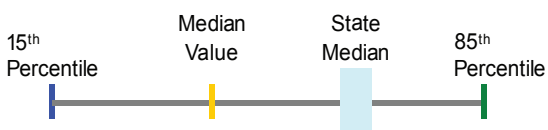
If the 15th Percentile and Median values for a hospital are equal, then only Median and 85th Percentile values are shown on the graph;

If the Median and 85th Percentile values for a hospital are equal, then only 15th Percentile and 85th Percentile values are shown on the graph;

If only the 85th Percentile value is shown for a hospital, then the 15th Percentile, Median, and 85th Percentile values are equal.

Refer to the hospital-specific data table to see all cost values for each hospital.

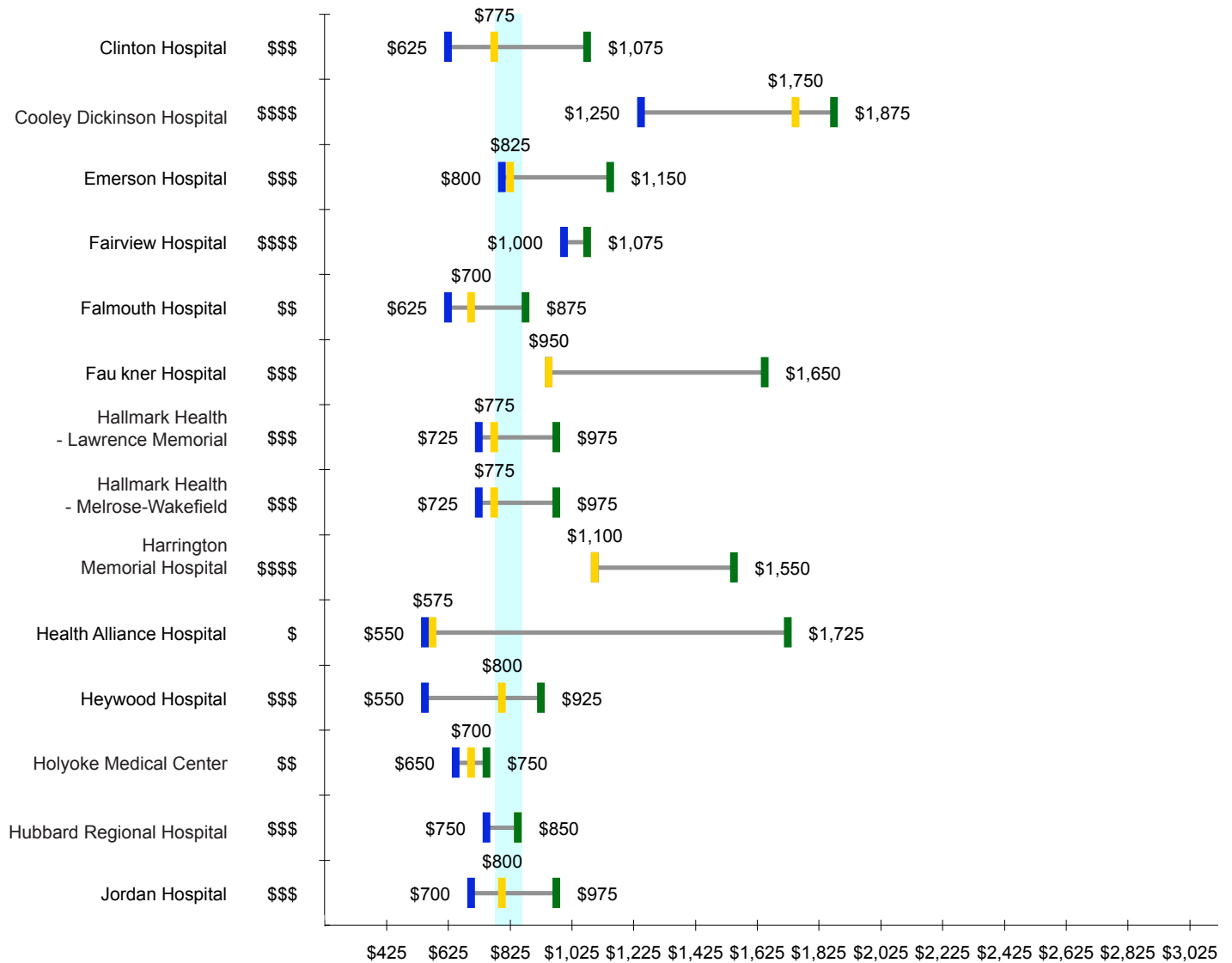
Legend



Cost Ratings

- \$ The hospital is among the least costly. This cost is lower than 85% of all hospitals in the state.
- \$\$ The hospital cost is below average. This cost is above 15% but below 50% of all hospitals in the state.
- \$\$\$ The hospital cost is above average. This cost is above 50% but below 85% of all hospitals in the state.
- \$\$\$\$ The hospital is among the most costly. This cost is higher than 85% of all hospitals in the state.

Range of Costs for Myocardial Perfusion by Hospital (2 of 5)



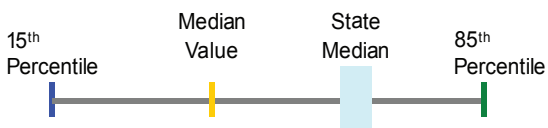
If the 15th Percentile and Median values for a hospital are equal, then only Median and 85th Percentile values are shown on the graph;

If the Median and 85th Percentile values for a hospital are equal, then only 15th Percentile and 85th Percentile values are shown on the graph;

If only the 85th Percentile value is shown for a hospital, then the 15th Percentile, Median, and 85th Percentile values are equal.

Refer to the hospital-specific data table to see all cost values for each hospital.

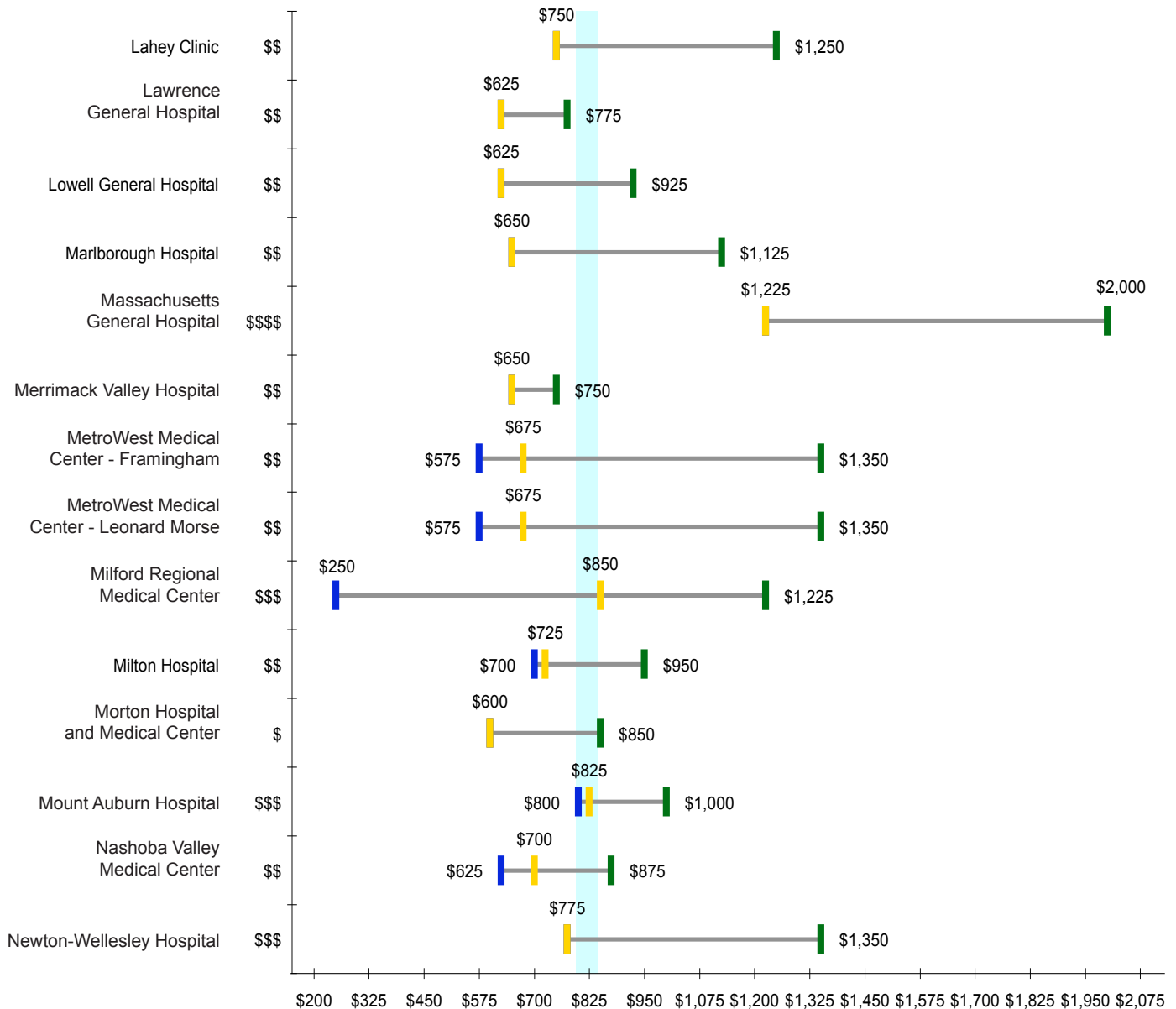
Legend



Cost Ratings

- \$ The hospital is among the least costly. This cost is lower than 85% of all hospitals in the state.
- \$\$ The hospital cost is below average. This cost is above 15% but below 50% of all hospitals in the state.
- \$\$\$ The hospital cost is above average. This cost is above 50% but below 85% of all hospitals in the state.
- \$\$\$\$ The hospital is among the most costly. This cost is higher than 85% of all hospitals in the state.

Range of Costs for Myocardial Perfusion by Hospital (3 of 5)



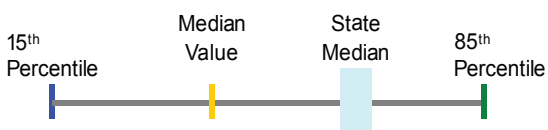
If the 15th Percentile and Median values for a hospital are equal, then only Median and 85th Percentile values are shown on the graph;

If the Median and 85th Percentile values for a hospital are equal, then only 15th Percentile and 85th Percentile values are shown on the graph;

If only the 85th Percentile value is shown for a hospital, then the 15th Percentile, Median, and 85th Percentile values are equal.

Refer to the hospital-specific data table to see all cost values for each hospital.

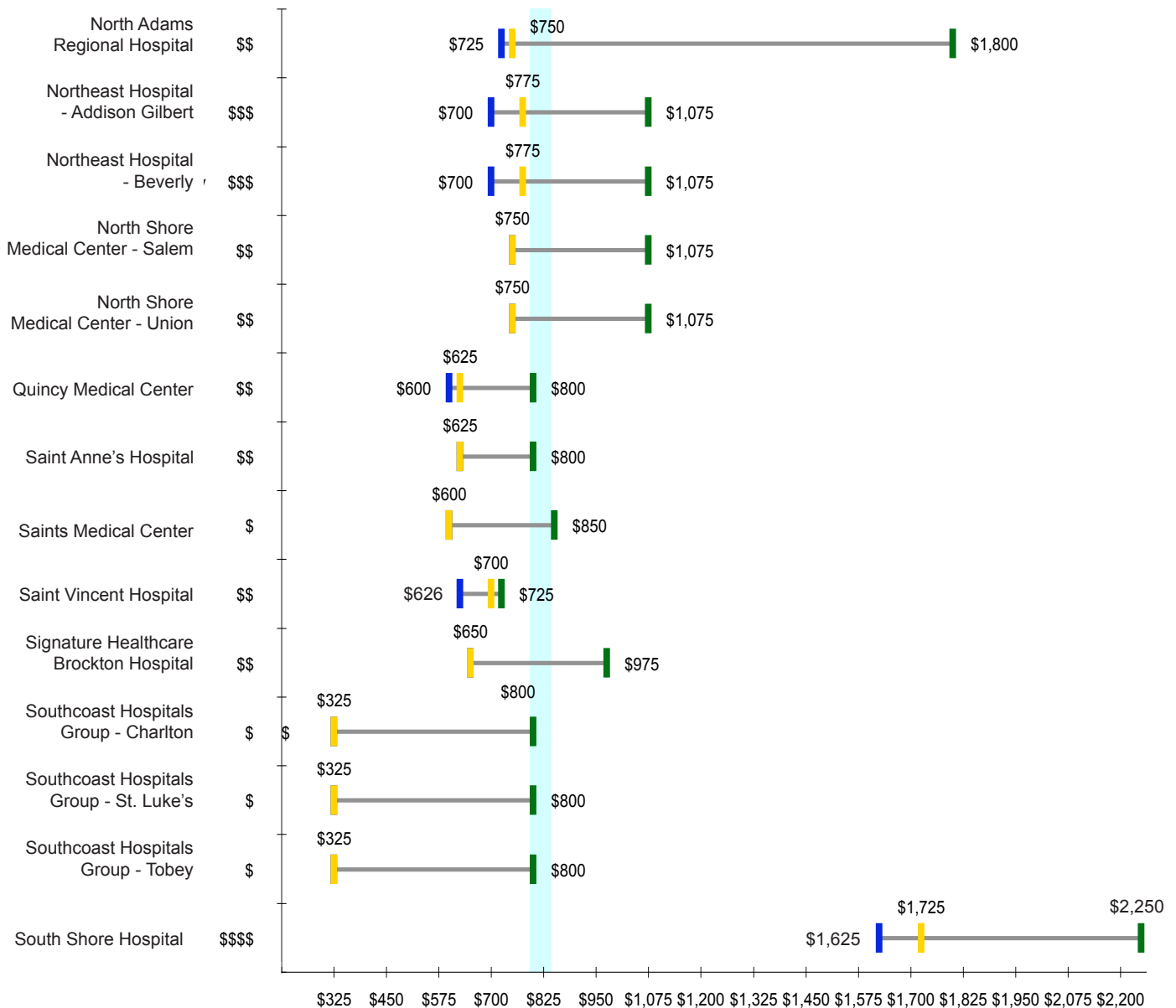
Legend



Cost Ratings

- \$ The hospital is among the least costly. This cost is lower than 85% of all hospitals in the state.
- \$\$ The hospital cost is below average. This cost is above 15% but below 50% of all hospitals in the state.
- \$\$\$ The hospital cost is above average. This cost is above 50% but below 85% of all hospitals in the state.
- \$\$\$\$ The hospital is among the most costly. This cost is higher than 85% of all hospitals in the state.

Range of Costs for Myocardial Perfusion by Hospital (4 of 5)



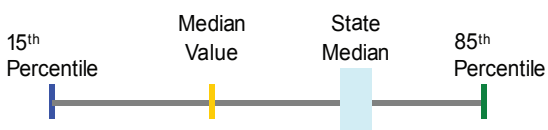
If the 15th Percentile and Median values for a hospital are equal, then only Median and 85th Percentile values are shown on the graph;

If the Median and 85th Percentile values for a hospital are equal, then only 15th Percentile and 85th Percentile values are shown on the graph;

If only the 85th Percentile value is shown for a hospital, then the 15th Percentile, Median, and 85th Percentile values are equal.

Refer to the hospital-specific data table to see all cost values for each hospital.

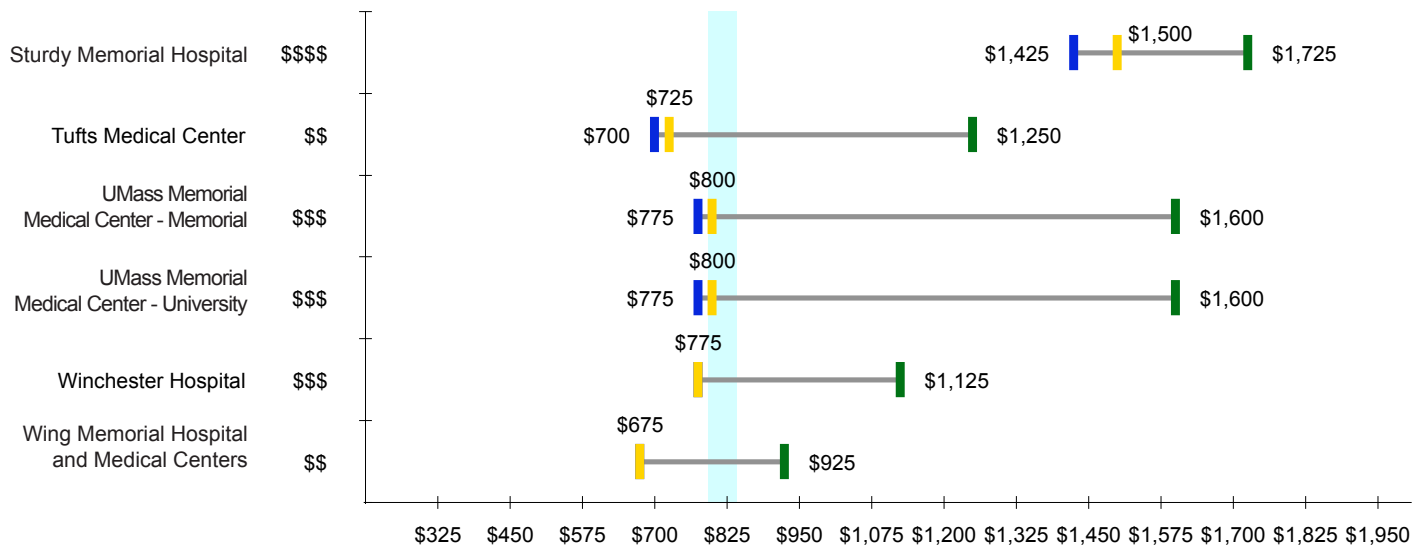
Legend



Cost Ratings

- \$ The hospital is among the least costly. This cost is lower than 85% of all hospitals in the state.
- \$\$ The hospital cost is below average. This cost is above 15% but below 50% of all hospitals in the state.
- \$\$\$ The hospital cost is above average. This cost is above 50% but below 85% of all hospitals in the state.
- \$\$\$\$ The hospital is among the most costly. This cost is higher than 85% of all hospitals in the state.

Range of Costs for Myocardial Perfusion by Hospital (5 of 5)



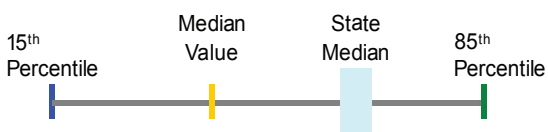
If the 15th Percentile and Median values for a hospital are equal, then only Median and 85th Percentile values are shown on the graph;

If the Median and 85th Percentile values for a hospital are equal, then only 15th Percentile and 85th Percentile values are shown on the graph;

If only the 85th Percentile value is shown for a hospital, then the 15th Percentile, Median, and 85th Percentile values are equal.

Refer to the hospital-specific data table to see all cost values for each hospital.

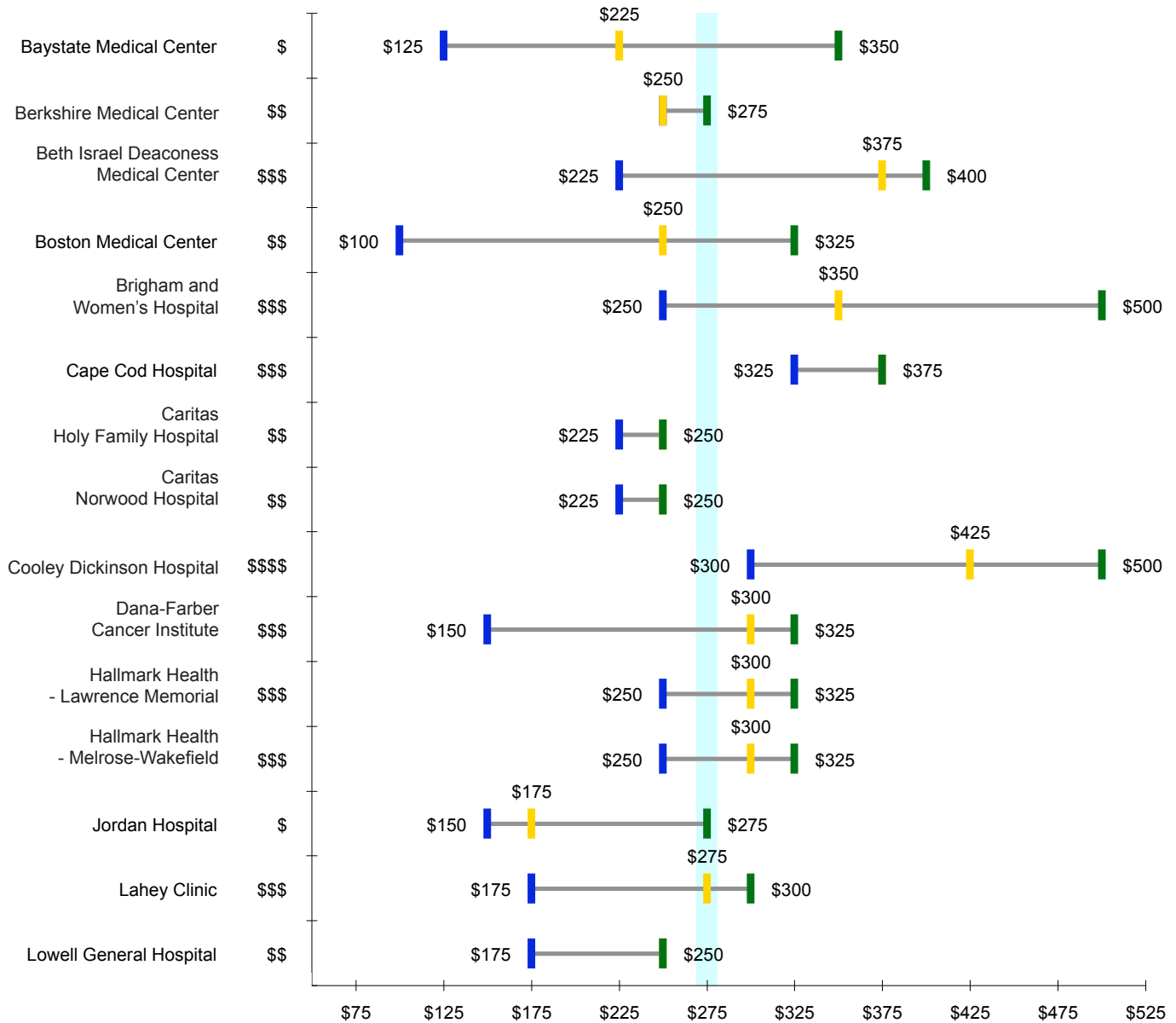
Legend



Cost Ratings

- \$ The hospital is among the least costly. This cost is lower than 85% of all hospitals in the state.
- \$\$ The hospital cost is below average. This cost is above 15% but below 50% of all hospitals in the state.
- \$\$\$ The hospital cost is above average. This cost is above 50% but below 85% of all hospitals in the state.
- \$\$\$\$ The hospital is among the most costly. This cost is higher than 85% of all hospitals in the state.

Range of Costs for Radiation Treatment—3 or More Areas, 6-10 MeV by Hospital (1 of 2)



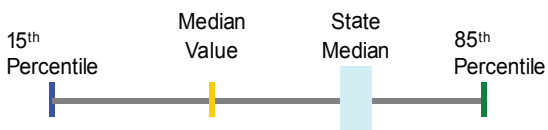
If the 15th Percentile and Median values for a hospital are equal, then only Median and 85th Percentile values are shown on the graph;

If the Median and 85th Percentile values for a hospital are equal, then only 15th Percentile and 85th Percentile values are shown on the graph;

If only the 85th Percentile value is shown for a hospital, then the 15th Percentile, Median, and 85th Percentile values are equal.

Refer to the hospital-specific data table to see all cost values for each hospital.

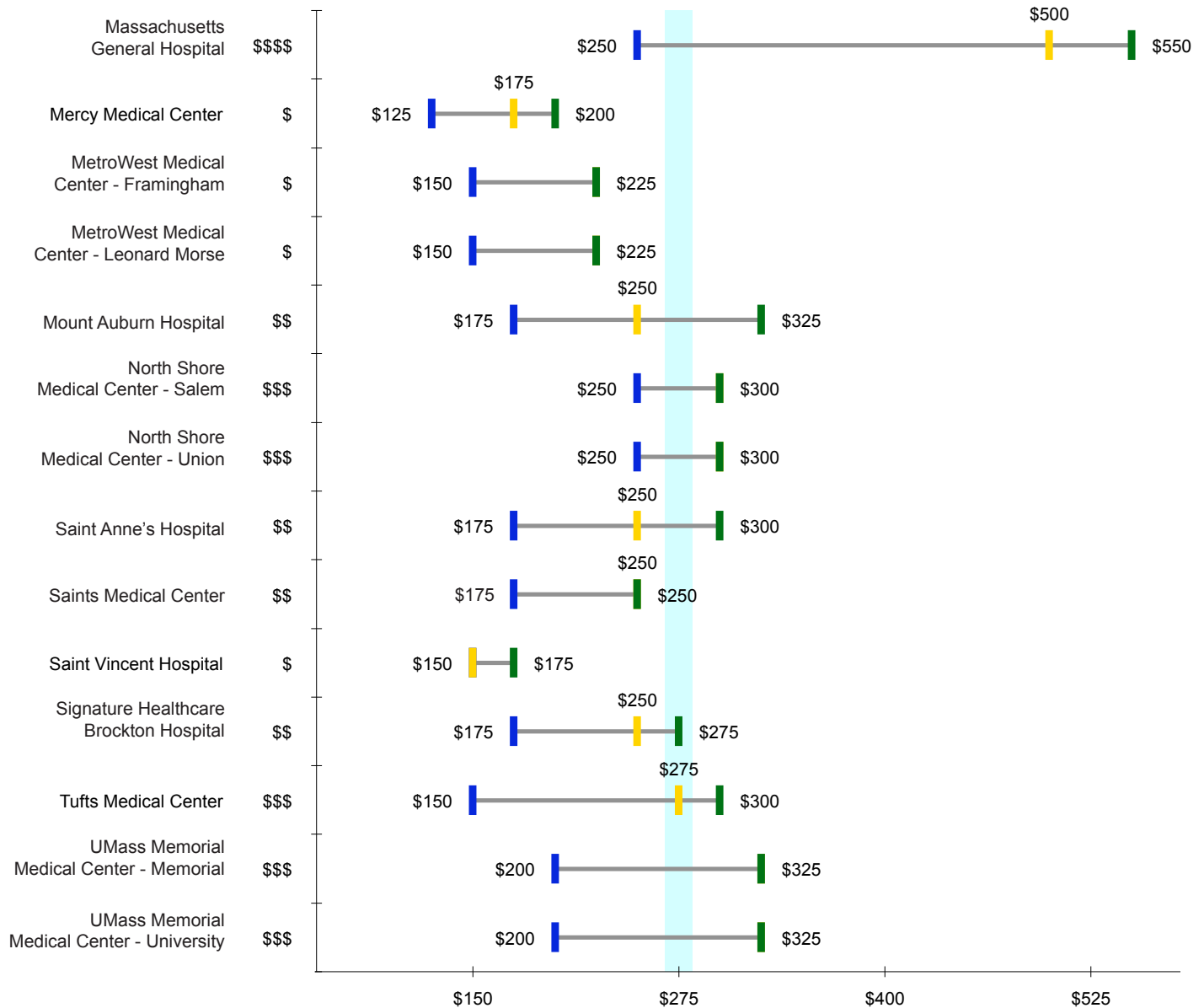
Legend



Cost Ratings

- \$ The hospital is among the least costly. This cost is lower than 85% of all hospitals in the state.
- \$\$ The hospital cost is below average. This cost is above 15% but below 50% of all hospitals in the state.
- \$\$\$ The hospital cost is above average. This cost is above 50% but below 85% of all hospitals in the state.
- \$\$\$\$ The hospital is among the most costly. This cost is higher than 85% of all hospitals in the state.

Range of Costs for Radiation Treatment—3 or More Areas, 6-10 MeV by Hospital (2 of 2)



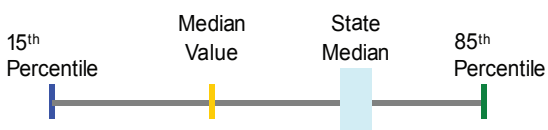
If the 15th Percentile and Median values for a hospital are equal, then only Median and 85th Percentile values are shown on the graph;

If the Median and 85th Percentile values for a hospital are equal, then only 15th Percentile and 85th Percentile values are shown on the graph;

If only the 85th Percentile value is shown for a hospital, then the 15th Percentile, Median, and 85th Percentile values are equal.

Refer to the hospital-specific data table to see all cost values for each hospital.

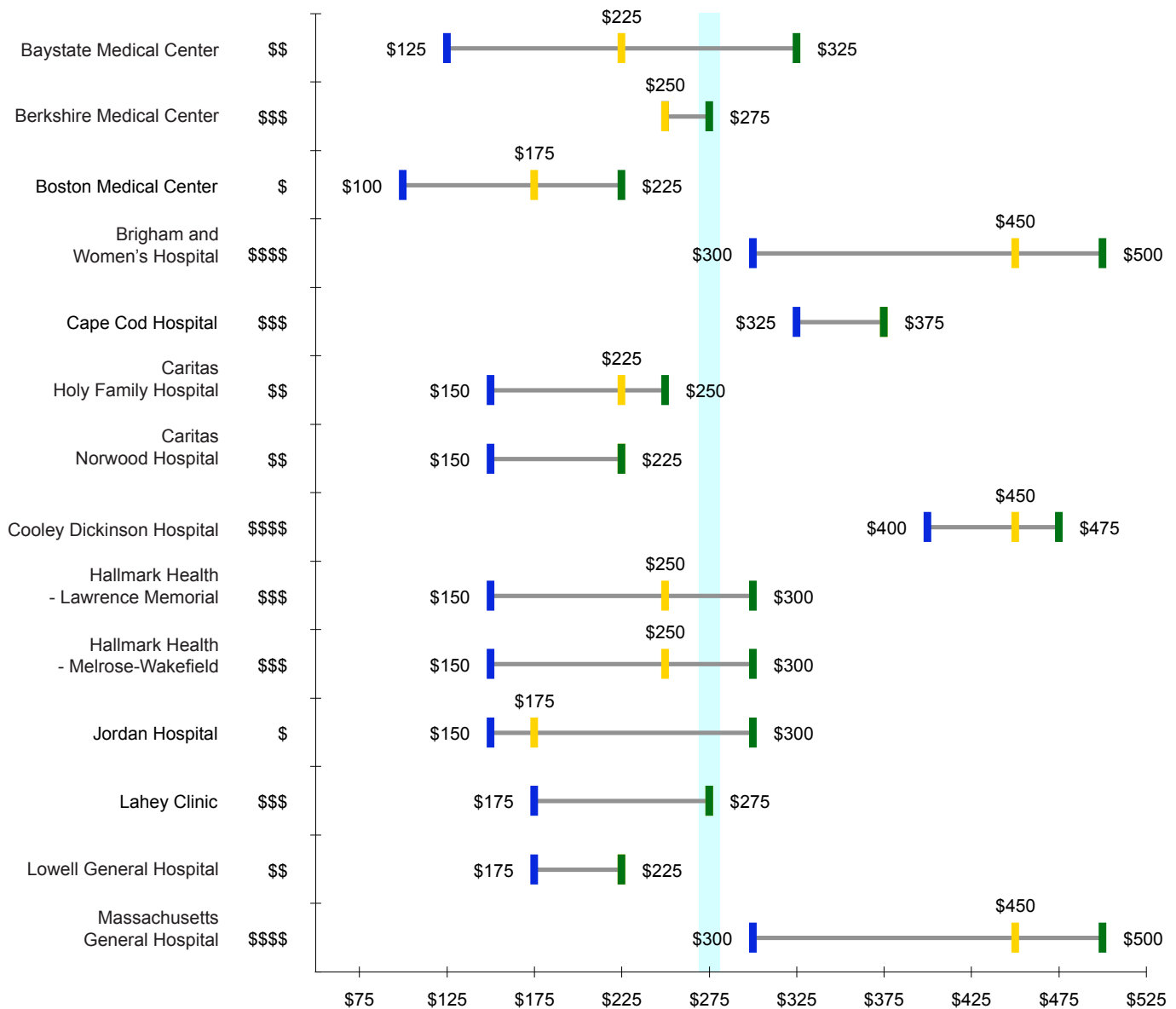
Legend



Cost Ratings

- \$ The hospital is among the least costly. This cost is lower than 85% of all hospitals in the state.
- \$\$ The hospital cost is below average. This cost is above 15% but below 50% of all hospitals in the state.
- \$\$\$ The hospital cost is above average. This cost is above 50% but below 85% of all hospitals in the state.
- \$\$\$\$ The hospital is among the most costly. This cost is higher than 85% of all hospitals in the state.

Range of Costs for Radiation Treatment—3 or More Areas, 11-19 MeV by Hospital (1 of 2)



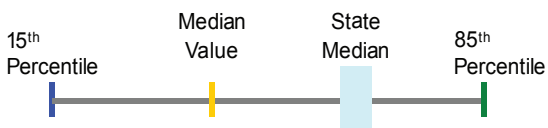
If the 15th Percentile and Median values for a hospital are equal, then only Median and 85th Percentile values are shown on the graph;

If the Median and 85th Percentile values for a hospital are equal, then only 15th Percentile and 85th Percentile values are shown on the graph;

If only the 85th Percentile value is shown for a hospital, then the 15th Percentile, Median, and 85th Percentile values are equal.

Refer to the hospital-specific data table to see all cost values for each hospital.

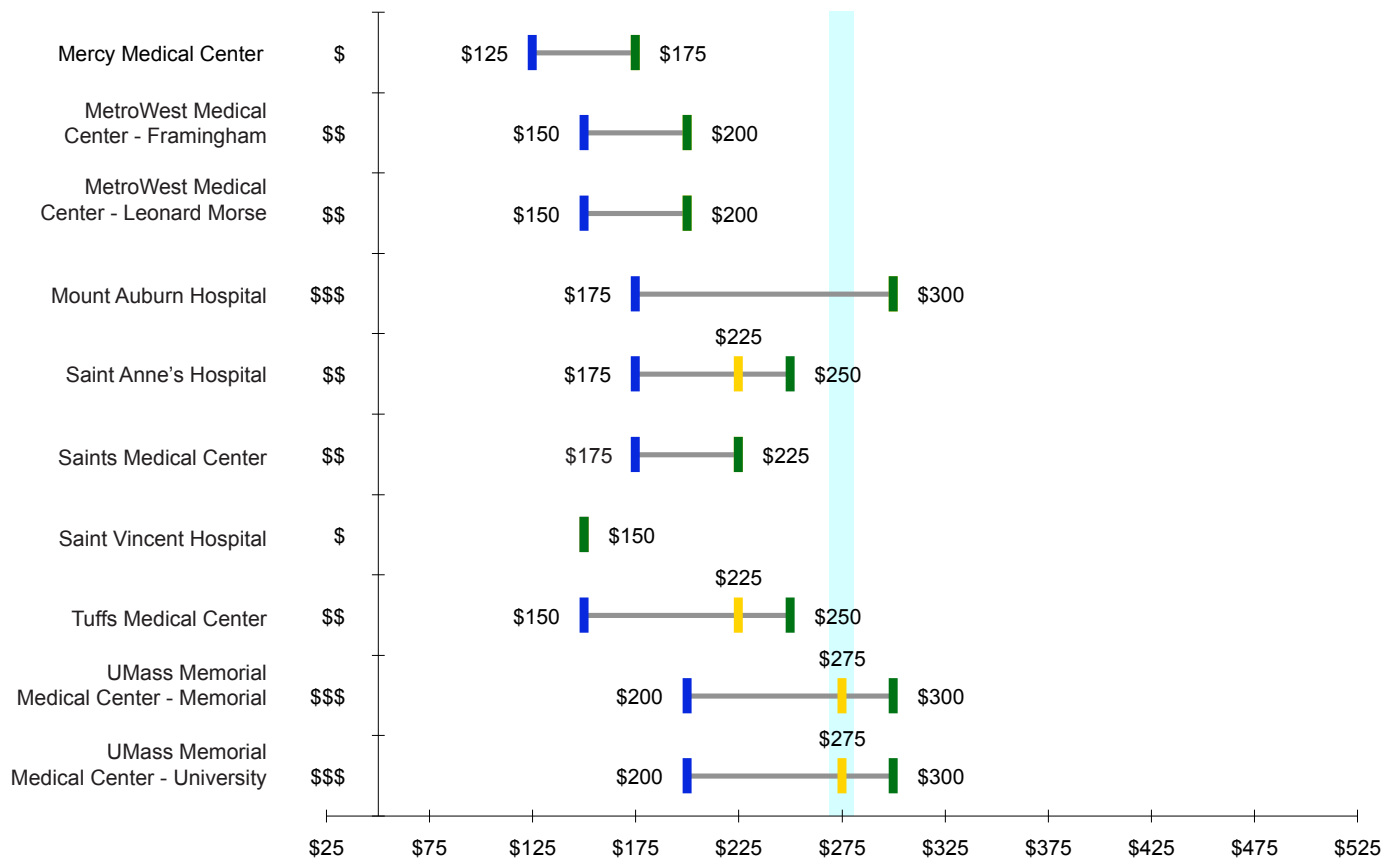
Legend



Cost Ratings

- \$ The hospital is among the least costly. This cost is lower than 85% of all hospitals in the state.
- \$\$ The hospital cost is below average. This cost is above 15% but below 50% of all hospitals in the state.
- \$\$\$ The hospital cost is above average. This cost is above 50% but below 85% of all hospitals in the state.
- \$\$\$\$ The hospital is among the most costly. This cost is higher than 85% of all hospitals in the state.

Range of Costs for Radiation Treatment—3 or More Areas, 11-19 MeV by Hospital (2 of 2)



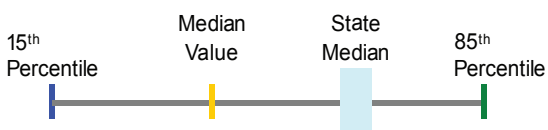
If the 15th Percentile and Median values for a hospital are equal, then only Median and 85th Percentile values are shown on the graph;

If the Median and 85th Percentile values for a hospital are equal, then only 15th Percentile and 85th Percentile values are shown on the graph;

If only the 85th Percentile value is shown for a hospital, then the 15th Percentile, Median, and 85th Percentile values are equal.

Refer to the hospital-specific data table to see all cost values for each hospital.

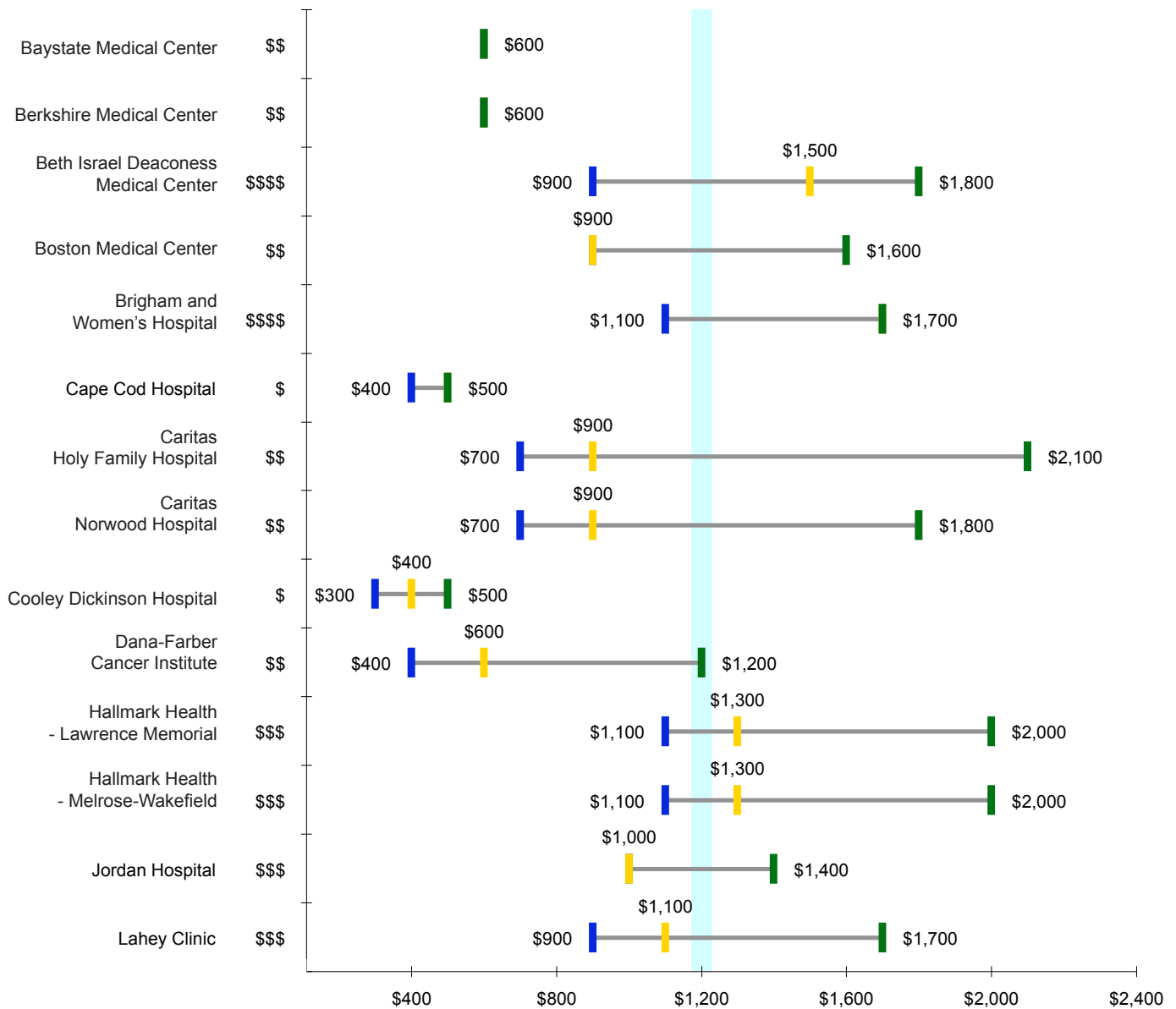
Legend



Cost Ratings

- \$ The hospital is among the least costly. This cost is lower than 85% of all hospitals in the state.
- \$\$ The hospital cost is below average. This cost is above 15% but below 50% of all hospitals in the state.
- \$\$\$ The hospital cost is above average. This cost is above 50% but below 85% of all hospitals in the state.
- \$\$\$\$ The hospital is among the most costly. This cost is higher than 85% of all hospitals in the state.

Range of Costs for Radiation Treatment—Intensity Modulated, per Session, by Hospital (1 of 2)



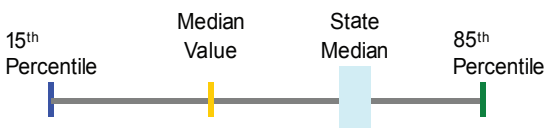
If the 15th Percentile and Median values for a hospital are equal, then only Median and 85th Percentile values are shown on the graph;

If the Median and 85th Percentile values for a hospital are equal, then only 15th Percentile and 85th Percentile values are shown on the graph;

If only the 85th Percentile value is shown for a hospital, then the 15th Percentile, Median, and 85th Percentile values are equal.

Refer to the hospital-specific data table to see all cost values for each hospital.

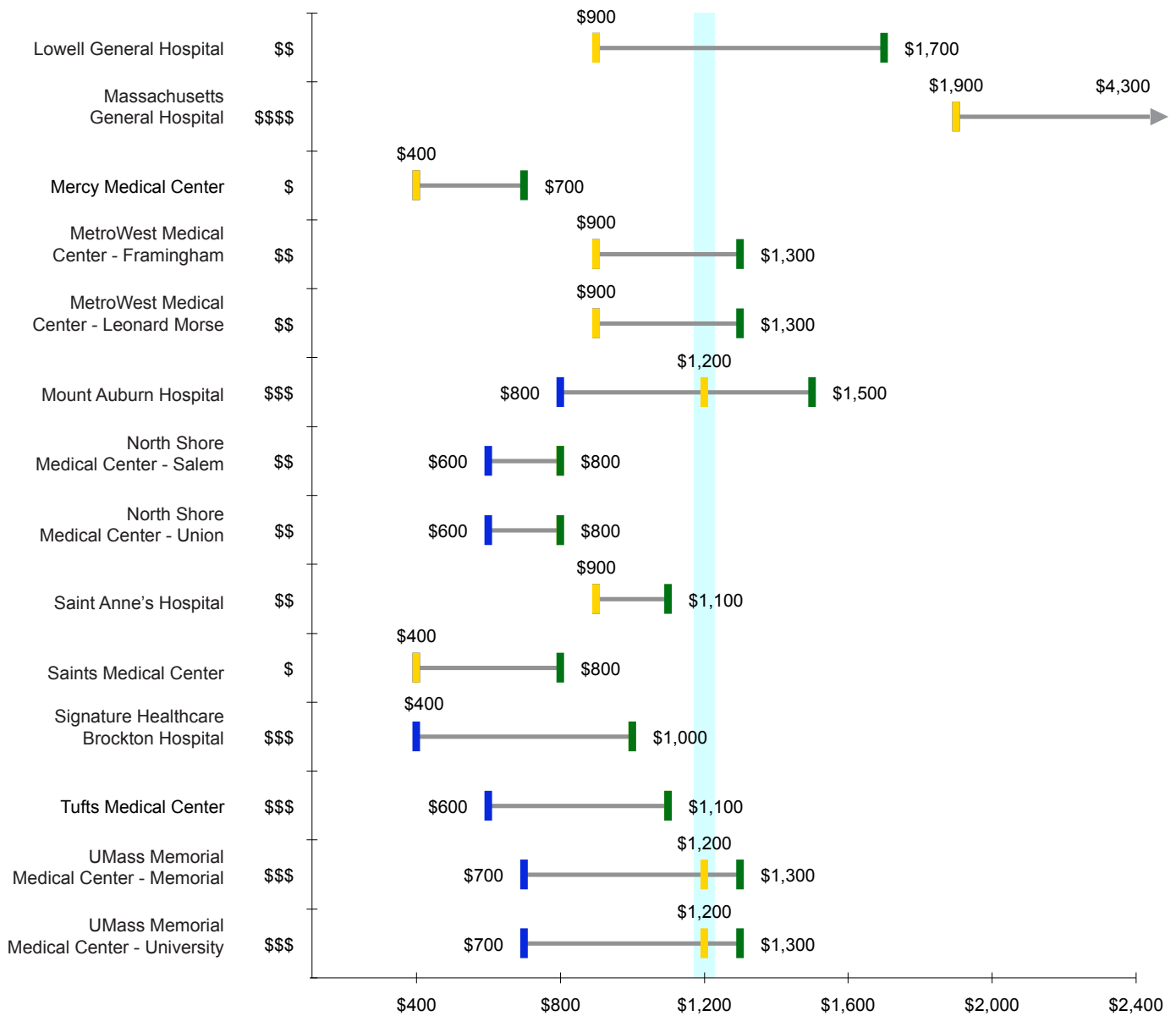
Legend



Cost Ratings

- \$ The hospital is among the least costly. This cost is lower than 85% of all hospitals in the state.
- \$\$ The hospital cost is below average. This cost is above 15% but below 50% of all hospitals in the state.
- \$\$\$ The hospital cost is above average. This cost is above 50% but below 85% of all hospitals in the state.
- \$\$\$\$ The hospital is among the most costly. This cost is higher than 85% of all hospitals in the state.

Range of Costs for Radiation Treatment—Intensity Modulated, per Session, by Hospital (2 of 2)



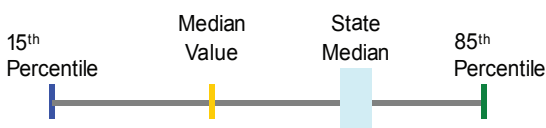
If the 15th Percentile and Median values for a hospital are equal, then only Median and 85th Percentile values are shown on the graph;

If the Median and 85th Percentile values for a hospital are equal, then only 15th Percentile and 85th Percentile values are shown on the graph;

If only the 85th Percentile value is shown for a hospital, then the 15th Percentile, Median, and 85th Percentile values are equal.

Refer to the hospital-specific data table to see all cost values for each hospital.

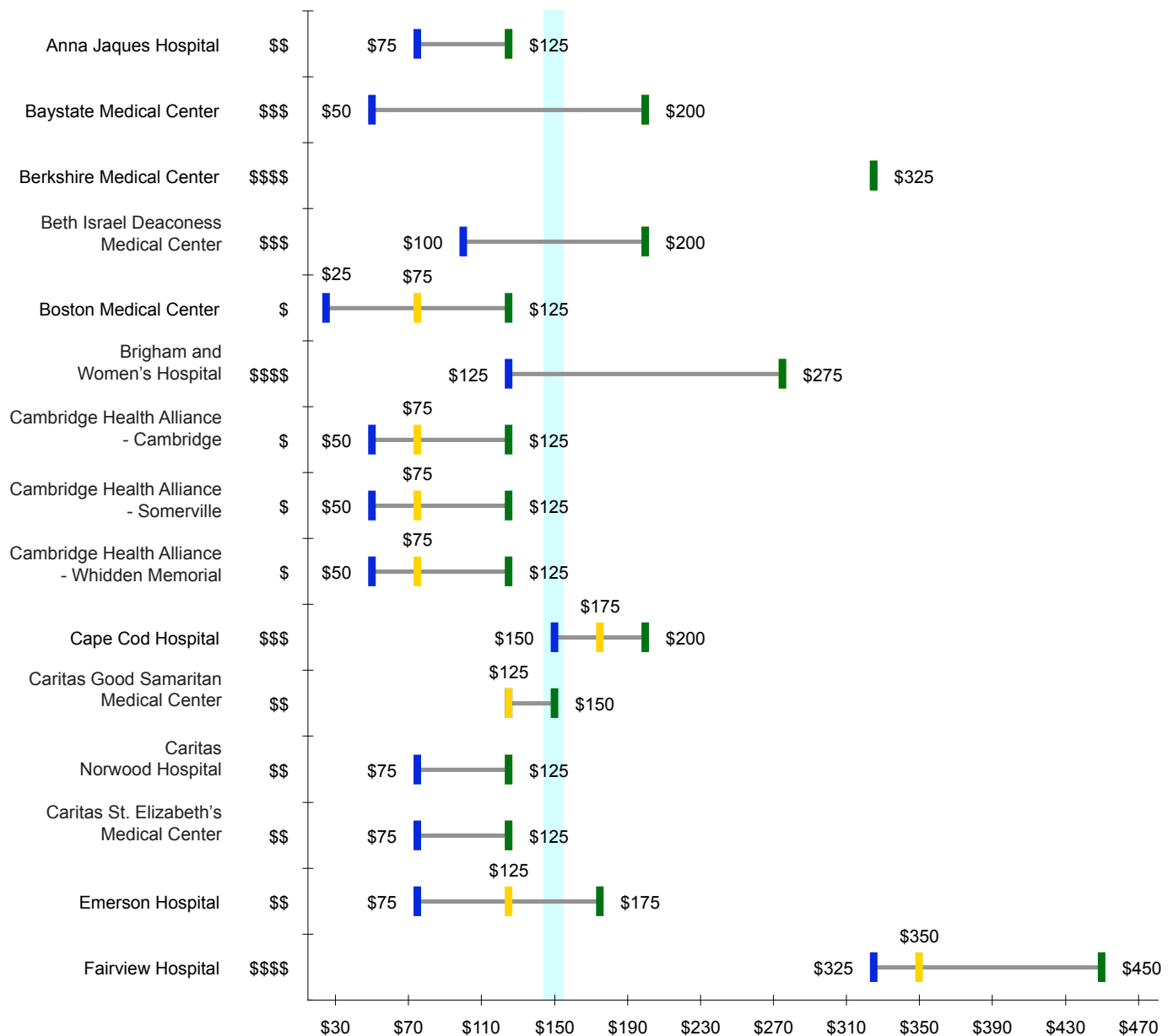
Legend



Cost Ratings

- \$ The hospital is among the least costly. This cost is lower than 85% of all hospitals in the state.
- \$\$ The hospital cost is below average. This cost is above 15% but below 50% of all hospitals in the state.
- \$\$\$ The hospital cost is above average. This cost is above 50% but below 85% of all hospitals in the state.
- \$\$\$\$ The hospital is among the most costly. This cost is higher than 85% of all hospitals in the state.

Range of Costs for Ultrasound, First Trimester by Hospital (1 of 3)



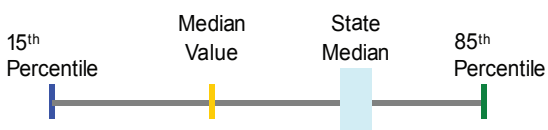
If the 15th Percentile and Median values for a hospital are equal, then only Median and 85th Percentile values are shown on the graph;

If the Median and 85th Percentile values for a hospital are equal, then only 15th Percentile and 85th Percentile values are shown on the graph;

If only the 85th Percentile value is shown for a hospital, then the 15th Percentile, Median, and 85th Percentile values are equal.

Refer to the hospital-specific data table to see all cost values for each hospital.

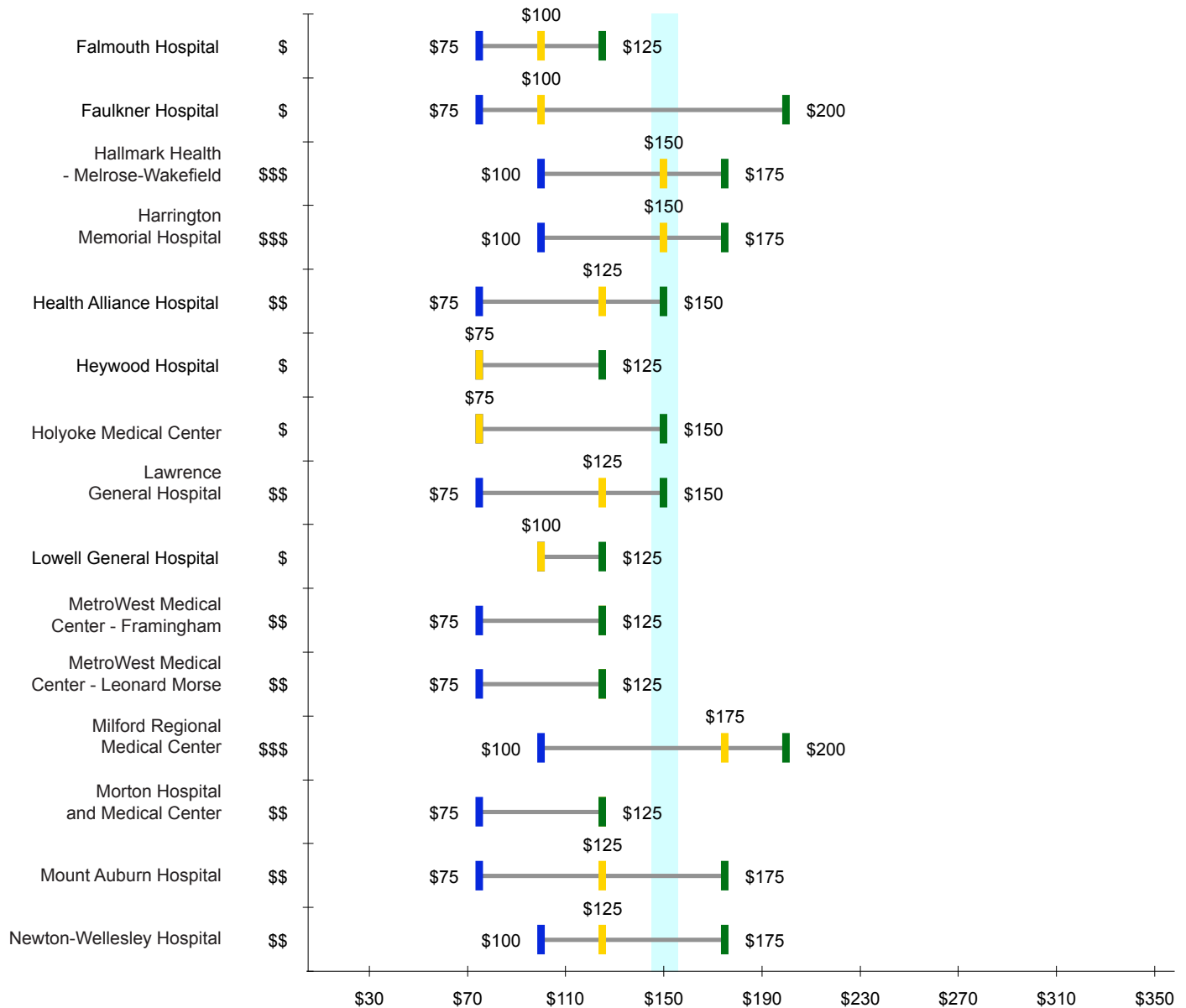
Legend



Cost Ratings

- \$ The hospital is among the least costly. This cost is lower than 85% of all hospitals in the state.
- \$\$ The hospital cost is below average. This cost is above 15% but below 50% of all hospitals in the state.
- \$\$\$ The hospital cost is above average. This cost is above 50% but below 85% of all hospitals in the state.
- \$\$\$\$ The hospital is among the most costly. This cost is higher than 85% of all hospitals in the state.

Range of Costs for Ultrasound, First Trimester by Hospital (2 of 3)



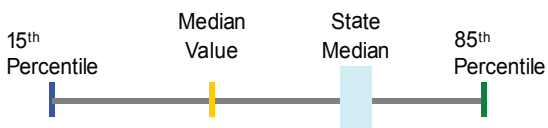
If the 15th Percentile and Median values for a hospital are equal, then only Median and 85th Percentile values are shown on the graph;

If the Median and 85th Percentile values for a hospital are equal, then only 15th Percentile and 85th Percentile values are shown on the graph;

If only the 85th Percentile value is shown for a hospital, then the 15th Percentile, Median, and 85th Percentile values are equal.

Refer to the hospital-specific data table to see all cost values for each hospital.

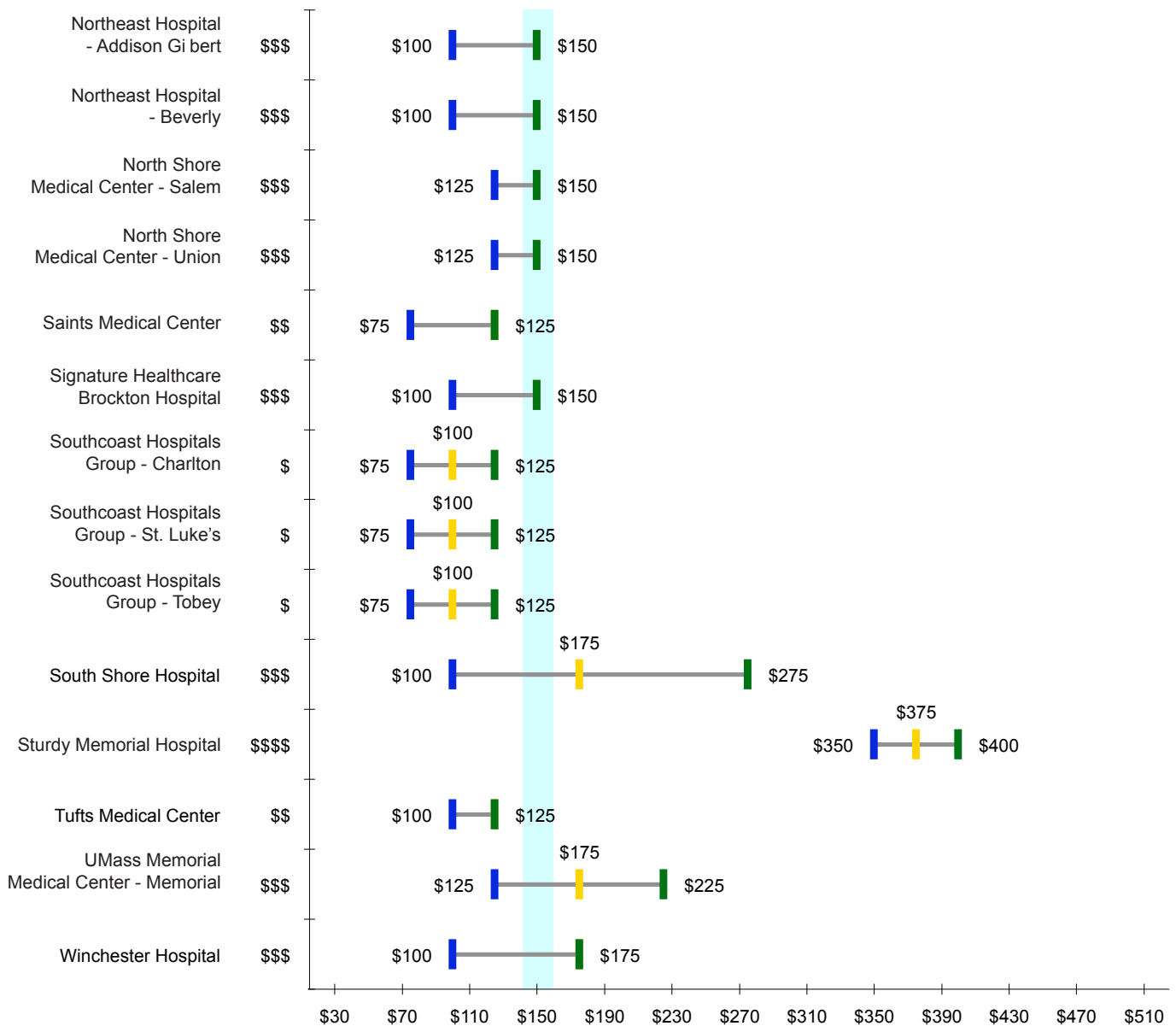
Legend



Cost Ratings

- \$ The hospital is among the least costly. This cost is lower than 85% of all hospitals in the state.
- \$\$ The hospital cost is below average. This cost is above 15% but below 50% of all hospitals in the state.
- \$\$\$ The hospital cost is above average. This cost is above 50% but below 85% of all hospitals in the state.
- \$\$\$\$ The hospital is among the most costly. This cost is higher than 85% of all hospitals in the state.

Range of Costs for Ultrasound, First Trimester by Hospital (3 of 3)



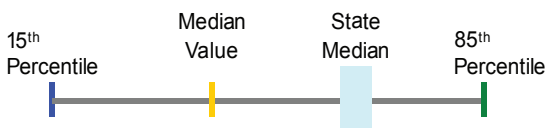
If the 15th Percentile and Median values for a hospital are equal, then only Median and 85th Percentile values are shown on the graph;

If the Median and 85th Percentile values for a hospital are equal, then only 15th Percentile and 85th Percentile values are shown on the graph;

If only the 85th Percentile value is shown for a hospital, then the 15th Percentile, Median, and 85th Percentile values are equal.

Refer to the hospital-specific data table to see all cost values for each hospital.

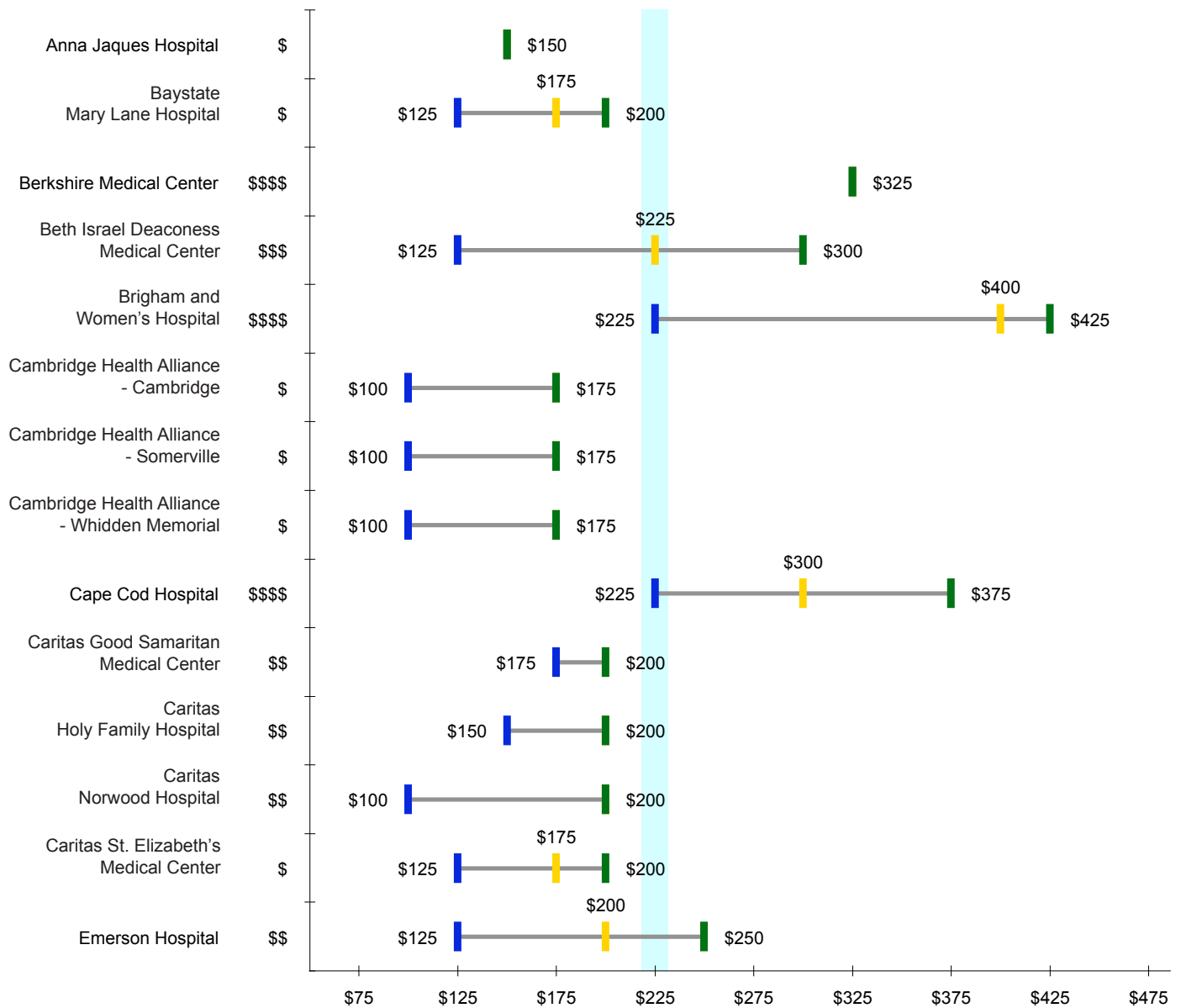
Legend



Cost Ratings

- \$ The hospital is among the least costly. This cost is lower than 85% of all hospitals in the state.
- \$\$ The hospital cost is below average. This cost is above 15% but below 50% of all hospitals in the state.
- \$\$\$ The hospital cost is above average. This cost is above 50% but below 85% of all hospitals in the state.
- \$\$\$\$ The hospital is among the most costly. This cost is higher than 85% of all hospitals in the state.

Range of Costs for Ultrasound, After First Trimester by Hospital (1 of 3)



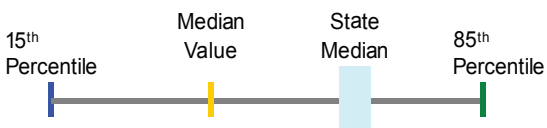
If the 15th Percentile and Median values for a hospital are equal, then only Median and 85th Percentile values are shown on the graph;

If the Median and 85th Percentile values for a hospital are equal, then only 15th Percentile and 85th Percentile values are shown on the graph;

If only the 85th Percentile value is shown for a hospital, then the 15th Percentile, Median, and 85th Percentile values are equal.

Refer to the hospital-specific data table to see all cost values for each hospital.

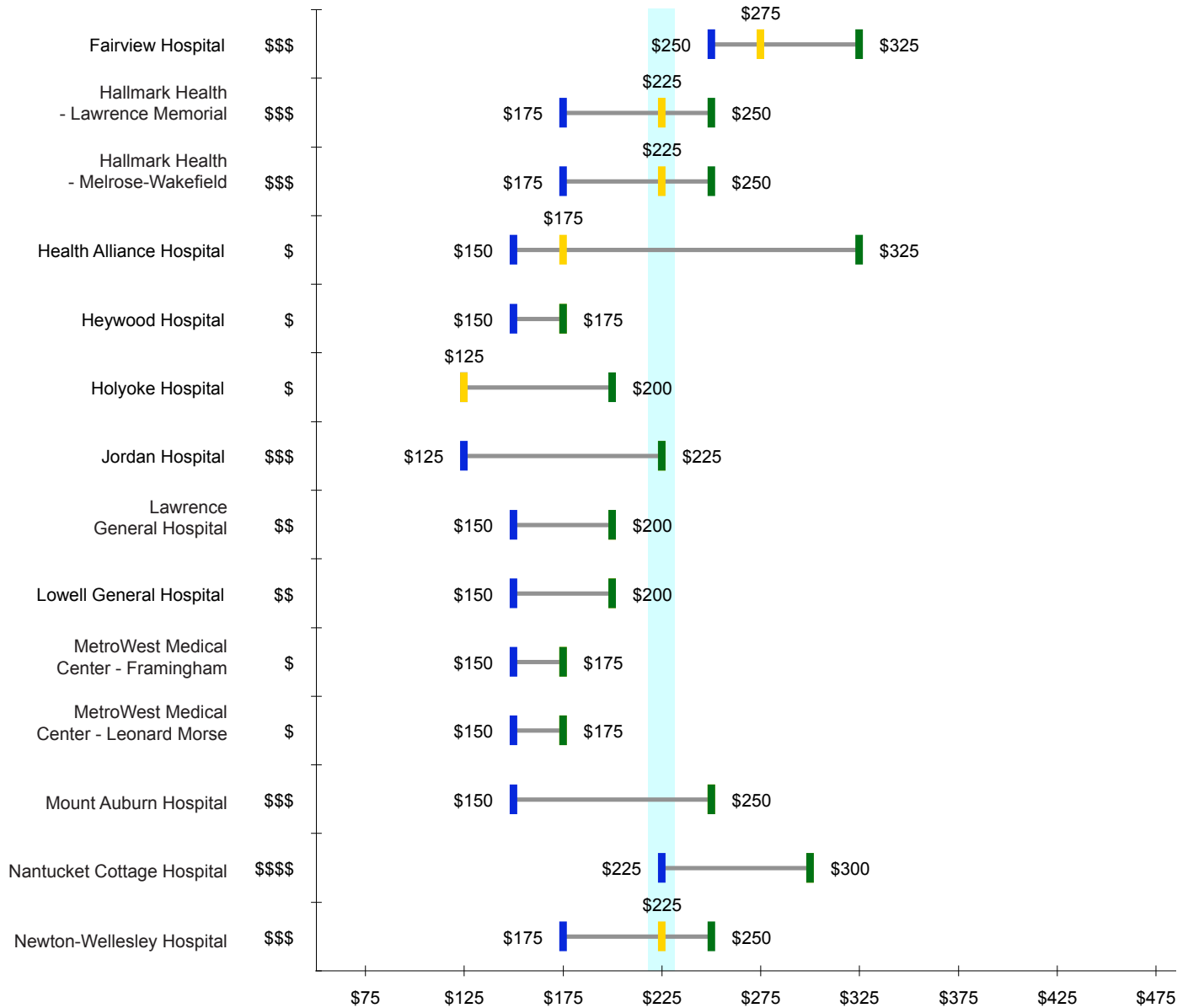
Legend



Cost Ratings

- \$ The hospital is among the least costly. This cost is lower than 85% of all hospitals in the state.
- \$\$ The hospital cost is below average. This cost is above 15% but below 50% of all hospitals in the state.
- \$\$\$ The hospital cost is above average. This cost is above 50% but below 85% of all hospitals in the state.
- \$\$\$\$ The hospital is among the most costly. This cost is higher than 85% of all hospitals in the state.

Range of Costs for Ultrasound, After First Trimester by Hospital (2 of 3)



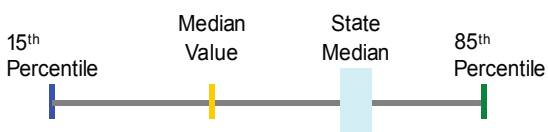
If the 15th Percentile and Median values for a hospital are equal, then only Median and 85th Percentile values are shown on the graph;

If the Median and 85th Percentile values for a hospital are equal, then only 15th Percentile and 85th Percentile values are shown on the graph;

If only the 85th Percentile value is shown for a hospital, then the 15th Percentile, Median, and 85th Percentile values are equal.

Refer to the hospital-specific data table to see all cost values for each hospital.

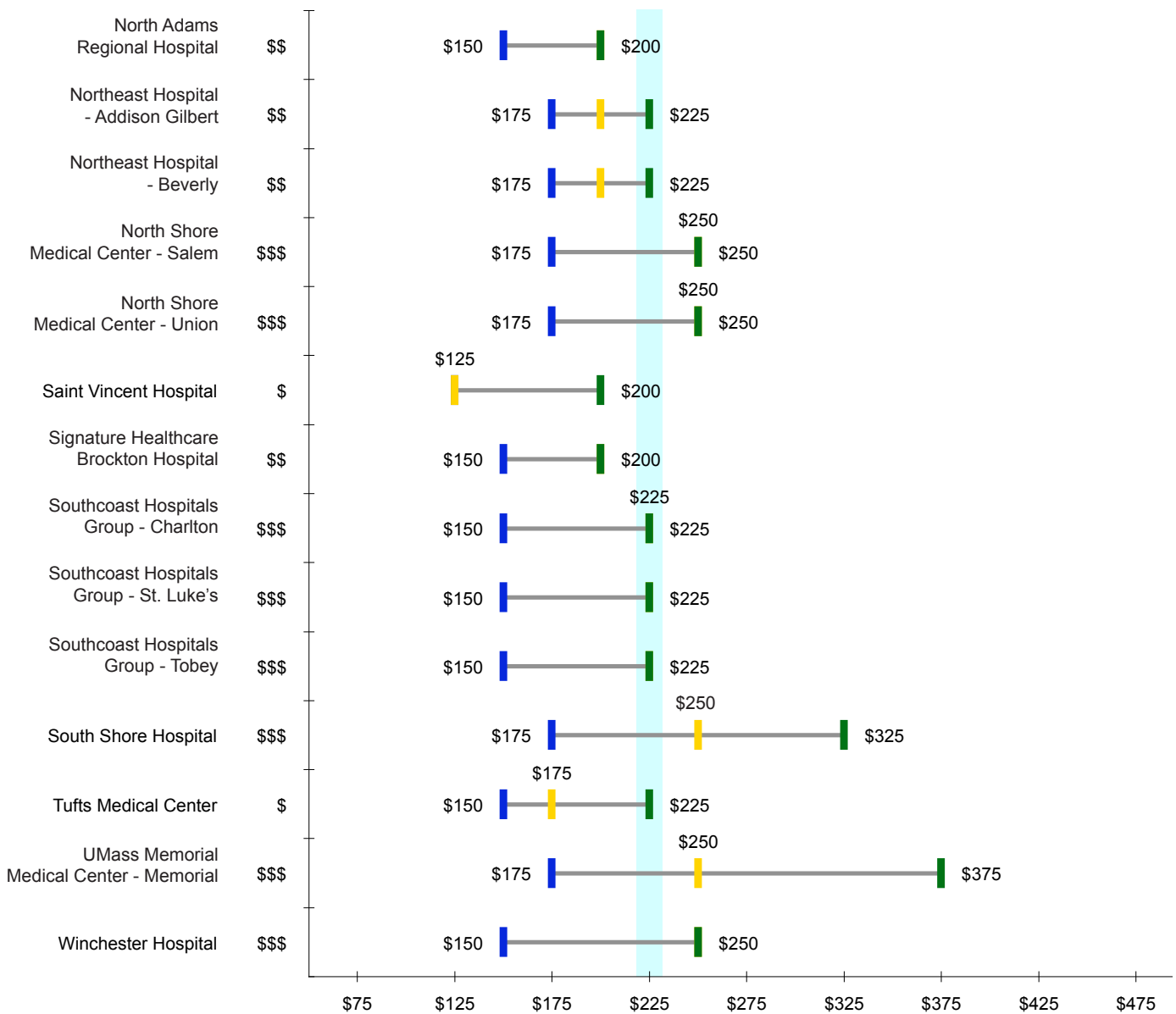
Legend



Cost Ratings

- \$ The hospital is among the least costly. This cost is lower than 85% of all hospitals in the state.
- \$\$ The hospital cost is below average. This cost is above 15% but below 50% of all hospitals in the state.
- \$\$\$ The hospital cost is above average. This cost is above 50% but below 85% of all hospitals in the state.
- \$\$\$\$ The hospital is among the most costly. This cost is higher than 85% of all hospitals in the state.

Range of Costs for Ultrasound, After First Trimester by Hospital (3 of 3)



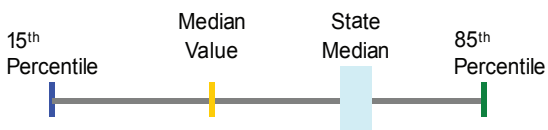
If the 15th Percentile and Median values for a hospital are equal, then only Median and 85th Percentile values are shown on the graph;

If the Median and 85th Percentile values for a hospital are equal, then only 15th Percentile and 85th Percentile values are shown on the graph;

If only the 85th Percentile value is shown for a hospital, then the 15th Percentile, Median, and 85th Percentile values are equal.

Refer to the hospital-specific data table to see all cost values for each hospital.

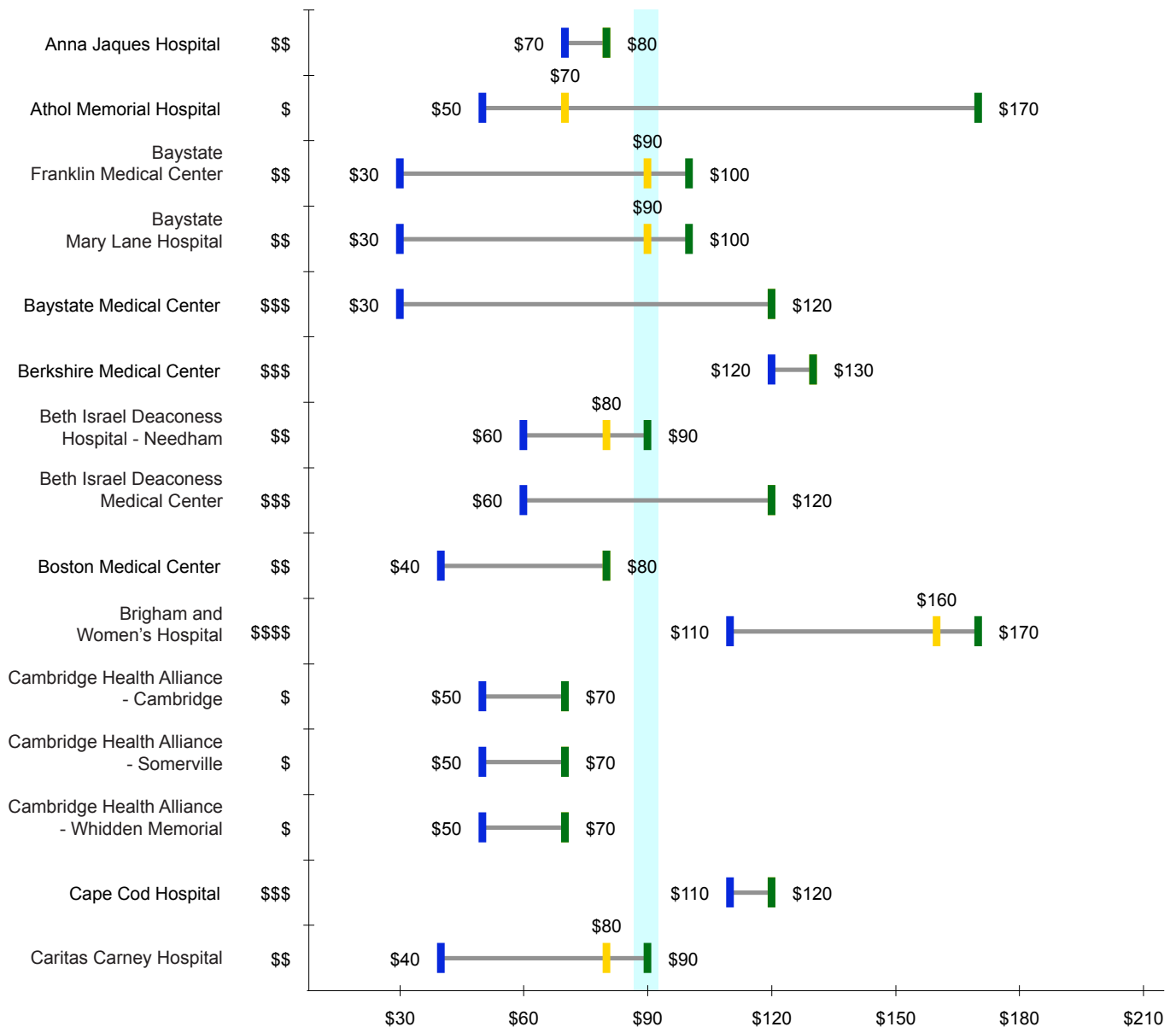
Legend



Cost Ratings

- \$ The hospital is among the least costly. This cost is lower than 85% of all hospitals in the state.
- \$\$ The hospital cost is below average. This cost is above 15% but below 50% of all hospitals in the state.
- \$\$\$ The hospital cost is above average. This cost is above 50% but below 85% of all hospitals in the state.
- \$\$\$\$ The hospital is among the most costly. This cost is higher than 85% of all hospitals in the state.

Range of Costs for X-Ray by Hospital (1 of 5)



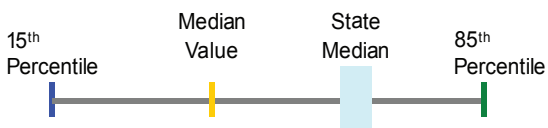
If the 15th Percentile and Median values for a hospital are equal, then only Median and 85th Percentile values are shown on the graph;

If the Median and 85th Percentile values for a hospital are equal, then only 15th Percentile and 85th Percentile values are shown on the graph;

If only the 85th Percentile value is shown for a hospital, then the 15th Percentile, Median, and 85th Percentile values are equal.

Refer to the hospital-specific data table to see all cost values for each hospital.

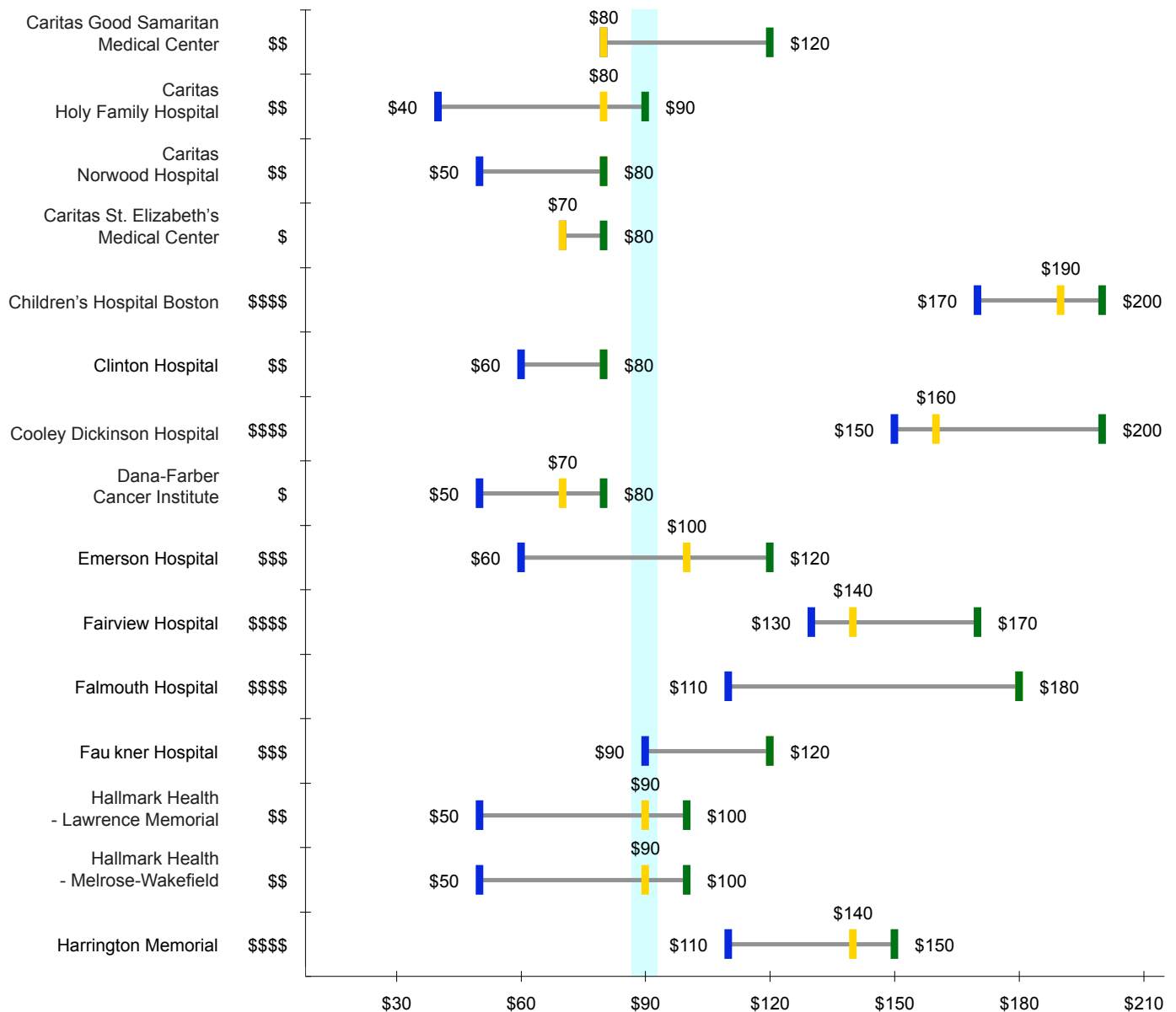
Legend



Cost Ratings

- \$ The hospital is among the least costly. This cost is lower than 85% of all hospitals in the state.
- \$\$ The hospital cost is below average. This cost is above 15% but below 50% of all hospitals in the state.
- \$\$\$ The hospital cost is above average. This cost is above 50% but below 85% of all hospitals in the state.
- \$\$\$\$ The hospital is among the most costly. This cost is higher than 85% of all hospitals in the state.

Range of Costs for X-Ray by Hospital (2 of 5)



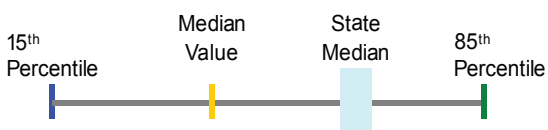
If the 15th Percentile and Median values for a hospital are equal, then only Median and 85th Percentile values are shown on the graph;

If the Median and 85th Percentile values for a hospital are equal, then only 15th Percentile and 85th Percentile values are shown on the graph;

If only the 85th Percentile value is shown for a hospital, then the 15th Percentile, Median, and 85th Percentile values are equal.

Refer to the hospital-specific data table to see all cost values for each hospital.

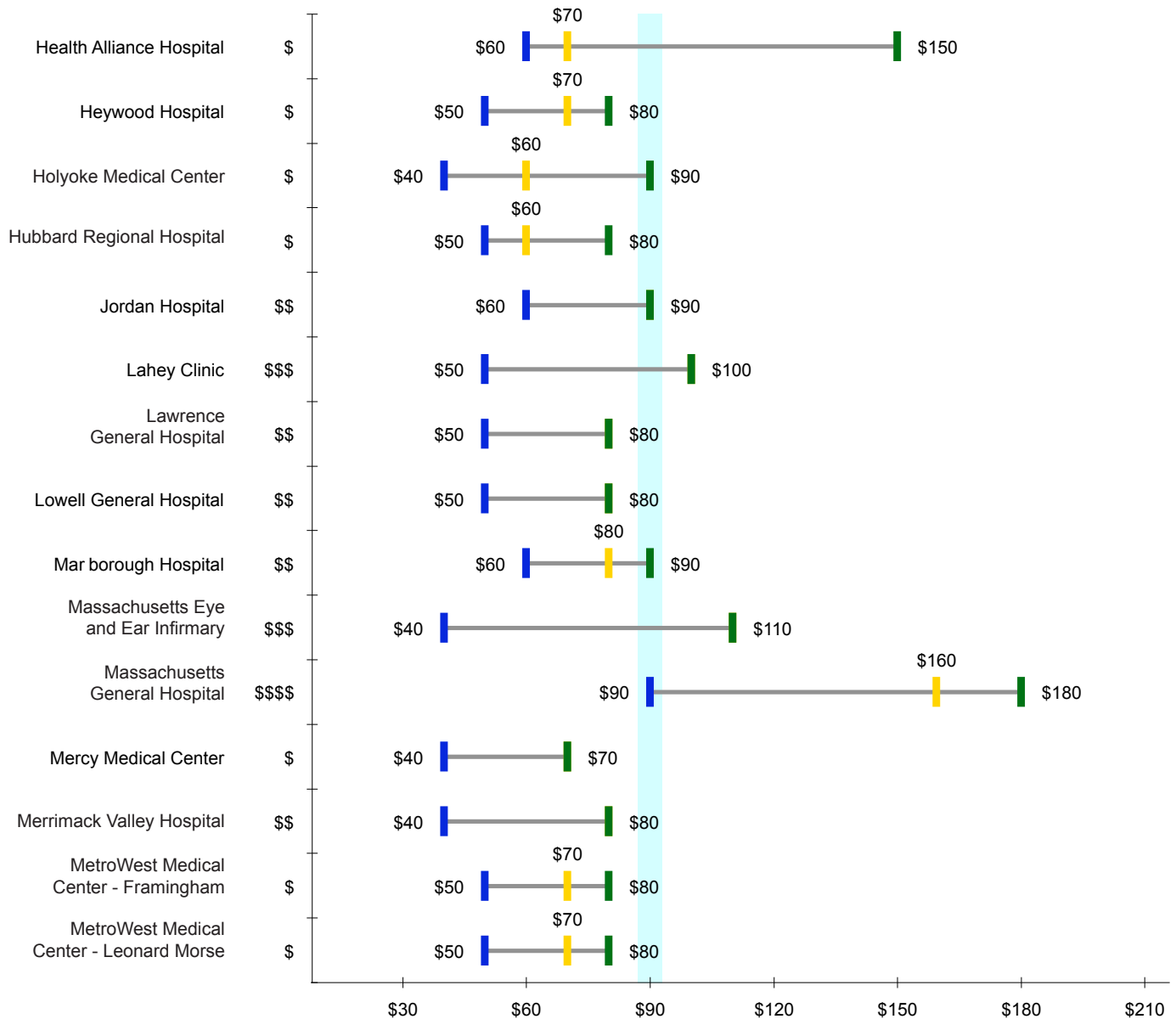
Legend



Cost Ratings

- \$ The hospital is among the least costly. This cost is lower than 85% of all hospitals in the state.
- \$\$ The hospital cost is below average. This cost is above 15% but below 50% of all hospitals in the state.
- \$\$\$ The hospital cost is above average. This cost is above 50% but below 85% of all hospitals in the state.
- \$\$\$\$ The hospital is among the most costly. This cost is higher than 85% of all hospitals in the state.

Range of Costs for X-Ray by Hospital (3 of 5)



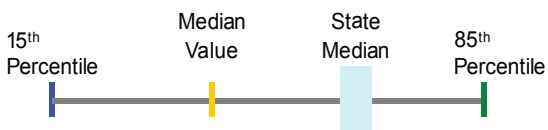
If the 15th Percentile and Median values for a hospital are equal, then only Median and 85th Percentile values are shown on the graph;

If the Median and 85th Percentile values for a hospital are equal, then only 15th Percentile and 85th Percentile values are shown on the graph;

If only the 85th Percentile value is shown for a hospital, then the 15th Percentile, Median, and 85th Percentile values are equal.

Refer to the hospital-specific data table to see all cost values for each hospital.

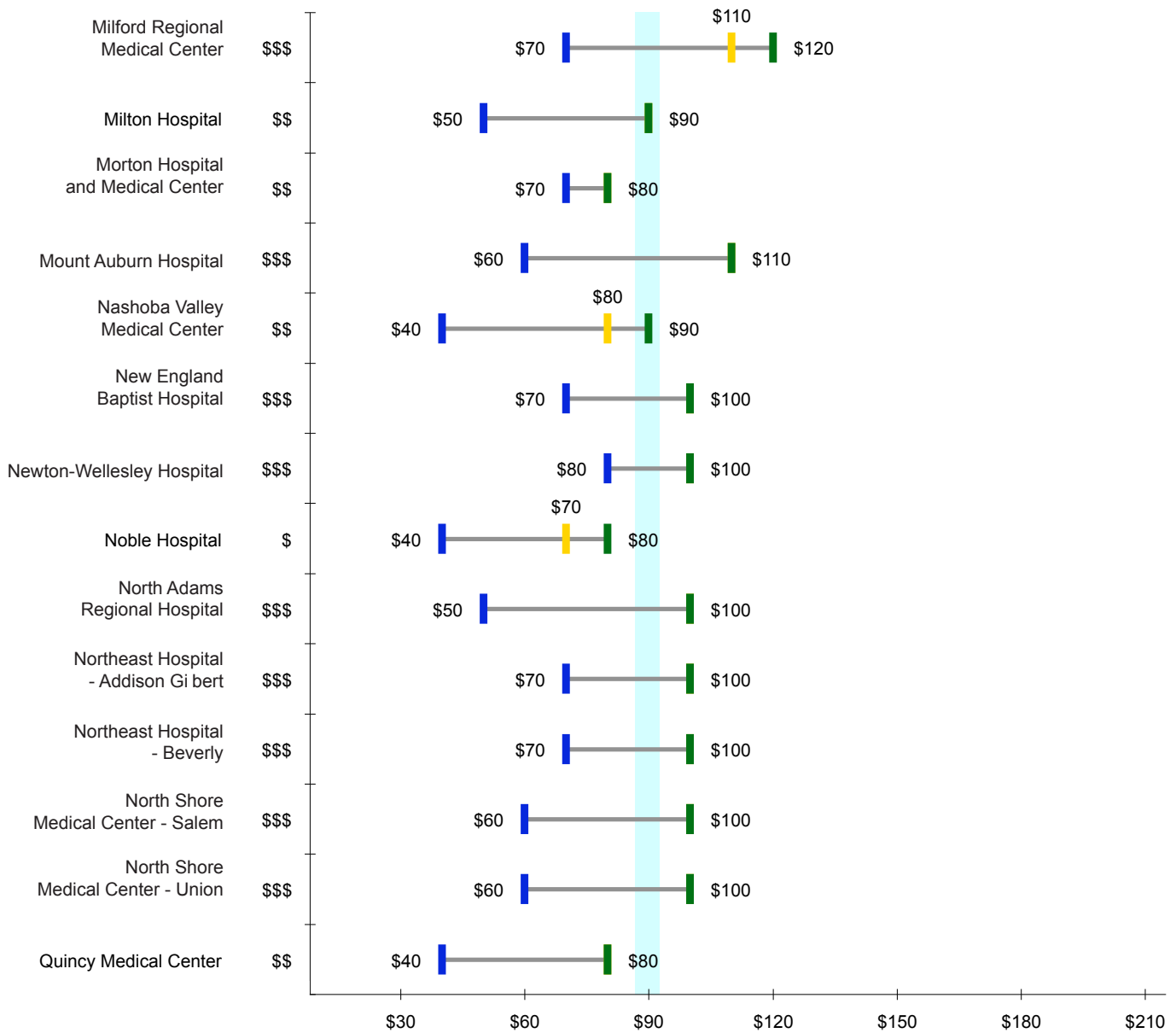
Legend



Cost Ratings

- \$ The hospital is among the least costly. This cost is lower than 85% of all hospitals in the state.
- \$\$ The hospital cost is below average. This cost is above 15% but below 50% of all hospitals in the state.
- \$\$\$ The hospital cost is above average. This cost is above 50% but below 85% of all hospitals in the state.
- \$\$\$\$ The hospital is among the most costly. This cost is higher than 85% of all hospitals in the state.

Range of Costs for X-Ray by Hospital (4 of 5)



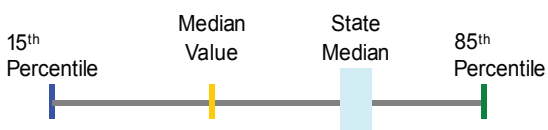
If the 15th Percentile and Median values for a hospital are equal, then only Median and 85th Percentile values are shown on the graph;

If the Median and 85th Percentile values for a hospital are equal, then only 15th Percentile and 85th Percentile values are shown on the graph;

If only the 85th Percentile value is shown for a hospital, then the 15th Percentile, Median, and 85th Percentile values are equal.

Refer to the hospital-specific data table to see all cost values for each hospital.

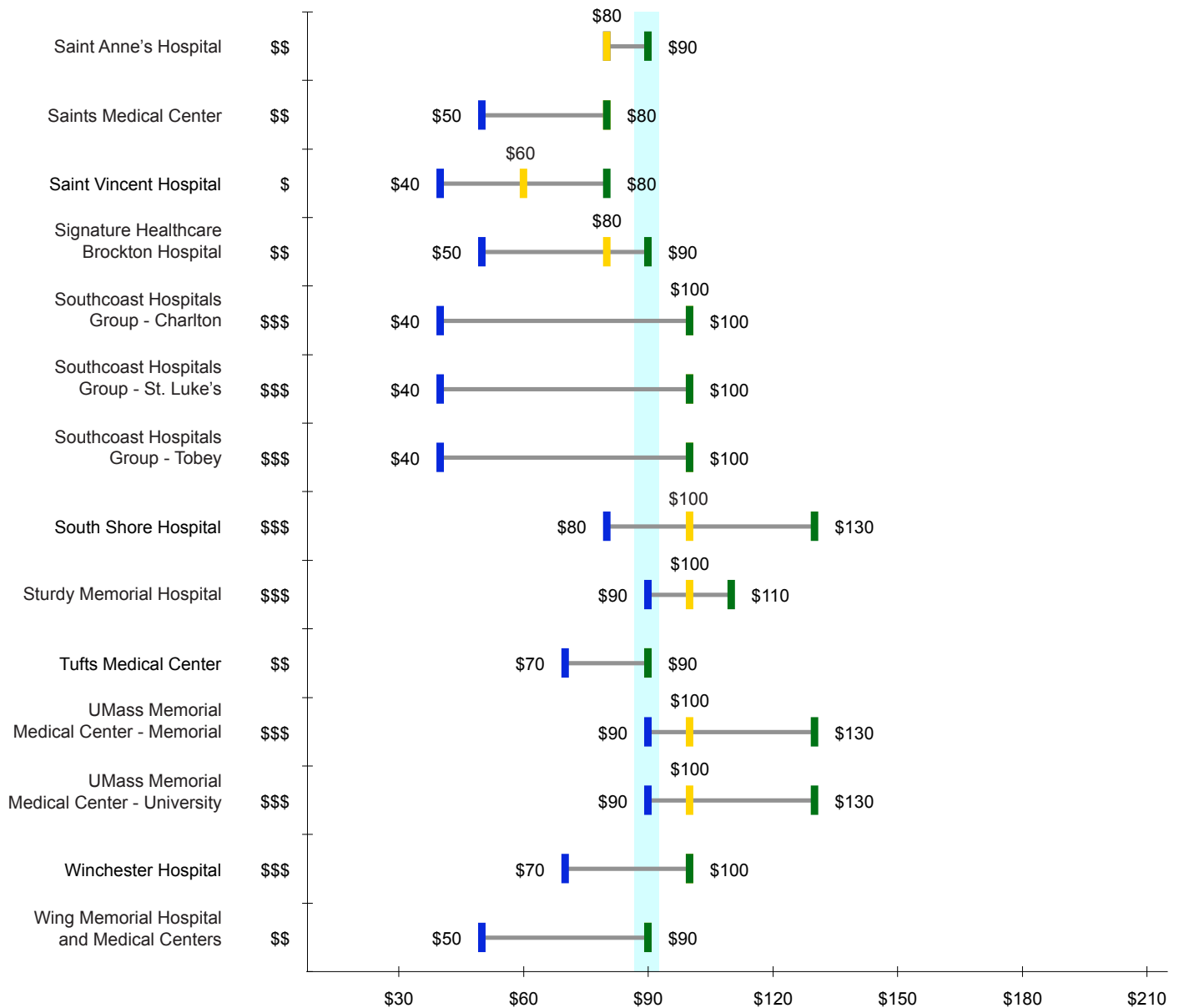
Legend



Cost Ratings

- \$ The hospital is among the least costly. This cost is lower than 85% of all hospitals in the state.
- \$\$ The hospital cost is below average. This cost is above 15% but below 50% of all hospitals in the state.
- \$\$\$ The hospital cost is above average. This cost is above 50% but below 85% of all hospitals in the state.
- \$\$\$\$ The hospital is among the most costly. This cost is higher than 85% of all hospitals in the state.

Range of Costs for X-Ray by Hospital (5 of 5)



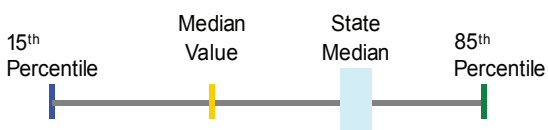
If the 15th Percentile and Median values for a hospital are equal, then only Median and 85th Percentile values are shown on the graph;

If the Median and 85th Percentile values for a hospital are equal, then only 15th Percentile and 85th Percentile values are shown on the graph;

If only the 85th Percentile value is shown for a hospital, then the 15th Percentile, Median, and 85th Percentile values are equal.

Refer to the hospital-specific data table to see all cost values for each hospital.

Legend



Cost Ratings

- \$ The hospital is among the least costly. This cost is lower than 85% of all hospitals in the state.
- \$\$ The hospital cost is below average. This cost is above 15% but below 50% of all hospitals in the state.
- \$\$\$ The hospital cost is above average. This cost is above 50% but below 85% of all hospitals in the state.
- \$\$\$\$ The hospital is among the most costly. This cost is higher than 85% of all hospitals in the state.

Section 2: Summary of Quality and Cost Information by Hospital

Hospital-Specific Data Tables

Quality scores in this section (see pages 135-209) are derived from publicly reported analysis by The Leapfrog Group, Mass-DAC (a Massachusetts Department of Public Health project based at Harvard Medical School), the Centers for Medicare and Medicaid Services (CMS) Patient Satisfaction (HCAHPS) survey and hospital performance reports, and through tools available through the Agency for Healthcare Research and Quality (AHRQ). See Appendix B for the source of each score, the measurement basis, and the measurement period.

Percentile values for cost are based upon the Council's analysis of the commercial carrier claims data submitted to the Council pursuant to 129 CMR 2.0. See Appendix C for information on the conditions measured, and Appendix A for a summary of the cost analysis calculations.

See the introduction for Section 1A: Quality Measures by Procedure or Condition on page 2 for more information concerning the Leapfrog-recommended quality ratings for procedures or conditions and hospital performance measures.

Anna Jaques Hospital

Measure by Category	Quality			Cost				
	Rating	Score	Statewide Score	Rating	15th Percentile	Median	85th Percentile	Statewide Median
Bone and Joint Care								
Hip Fracture ‡	++++	0 00	2.40	b	--	--	--	\$20,000
Hip Replacement ‡	++++	0 00	0.11	b	--	--	--	\$19,250
Heart Care								
Heart Attack Δ	++	94%	97%	b	--	--	--	\$12,900
Heart Failure Δ	++	84%	87%	b	--	--	--	\$7,250
Stroke ‡	++	12.76	10.26	b	--	--	--	\$12,500
Obstetrics								
Cesarean Section	--	--	--	\$	\$4,500	\$4,600	\$5,500	\$5,750
Normal Newborn	--	--	--	\$	\$900	\$900	\$1,100	\$1,200
Vaginal Delivery	--	--	--	\$	\$2,800	\$3,100	\$3,800	\$3,700
Outpatient Diagnostic Procedure								
CT Scan of Abdomen w Contrast	--	--	--	\$	\$200	\$400	\$475	\$525
CT Scan of Abdomen w/o Contrast	--	--	--	\$	\$150	\$275	\$400	\$350
CT Scan of Chest w Contrast	--	--	--	\$	\$375	\$400	\$500	\$525
CT Scan of Chest w/o Contrast	--	--	--	\$	\$275	\$300	\$400	\$425
CT Scan of Head w/o Contrast	--	--	--	\$	\$250	\$250	\$325	\$350
Doppler Echocardiography	--	--	--	\$	\$125	\$125	\$200	\$200
Echocardiography w Image Documentation	--	--	--	\$	\$200	\$200	\$275	\$350
Mammogram Screening	--	--	--	\$	\$75	\$75	\$100	\$100
Myocardial Perfusion Imaging	--	--	--	\$	\$575	\$575	\$850	\$825
Ultrasound (1st Trimester)	--	--	--	\$	\$75	\$125	\$125	\$150
Ultrasound (After 1st Trimester)	--	--	--	\$	\$150	\$150	\$150	\$225
X-Ray of Chest	--	--	--	\$	\$70	\$80	\$80	\$90
Respiratory								
Pneumonia Δ	+++	94%	91%	b	--	--	--	\$5,700
How Patients Rate the Hospital Overall Δ								
	++	61%	64%					

Note: Unless otherwise noted, the service was provided in an inpatient setting.

‡ Outcome/ mortality measure - quality score indicates mortality rate for this measure for this hospital

Δ Process measure - measures whether the hospital did what it was supposed to do in treating a patient and quality score indicates how the hospital compares to other hospitals

-- No measure available

a Insufficient data to support a ranking for this hospital on this quality measure

b Insufficient data to support a ranking for this hospital on this cost measure

c Cost not reported for this measure for this hospital

d Statewide rates not reported for this hospital

Leapfrog Quality Ratings for Anna Jaques Hospital

Measure	Rating	Status
Managing Serious Errors (Never Events)	☆☆☆☆	Fully implemented
Patient Safety Practices Composite Score	☆☆☆	Good progress
Requires Staff to Use Computers	☆	Willing to report publicly
Use of Intensivists in ICUs	☆	Willing to report publicly

Athol Memorial Hospital

Measure by Category	Quality			Cost				
	Rating	Score	Statewide Score	Rating	15th Percentile	Median	85th Percentile	Statewide Median
Bone and Joint Care								
Hip Fracture	--	--	2.40	b	--	--	--	\$20,000
Hip Replacement ‡	--	--	0.11	b	--	--	--	\$19,250
Heart Care								
Heart Attack Δ	--	98%	97%	b	--	--	--	\$12,900
Heart Failure Δ	+	73%	87%	b	--	--	--	\$7,250
Stroke ‡	--	--	10.26	b	--	--	--	\$12,500
Outpatient Diagnostic Procedure								
CT Scan of Abdomen w Contrast	--	--	--	\$	\$375	\$375	\$1,525	\$525
CT Scan of Abdomen w/o Contrast	--	--	--	\$	\$250	\$250	\$1,550	\$350
CT Scan of Chest w Contrast	--	--	--	\$	\$350	\$350	\$1,525	\$525
CT Scan of Head w/o Contrast	--	--	--	\$	\$225	\$250	\$1,400	\$350
Mammogram Screening	--	--	--	\$	\$75	\$75	\$325	\$100
Myocardial Perfusion Imaging	--	--	--	\$	\$525	\$525	\$2,875	\$825
X-Ray of Chest	--	--	--	\$	\$50	\$70	\$170	\$90
Respiratory								
Pneumonia Δ	+	83%	91%	b	--	--	--	\$5,700
How Patients Rate the Hospital Overall Δ								
	+++	70%	64%					

Note: Unless otherwise noted, the service was provided in an inpatient setting.

‡ Outcome/ mortality measure - quality score indicates mortality rate for this measure for this hospital

Δ Process measure - measures whether the hospital did what it was supposed to do in treating a patient and quality score indicates how the hospital compares to other hospitals

-- No measure available

a Insufficient data to support a ranking for this hospital on this quality measure

b Insufficient data to support a ranking for this hospital on this cost measure

c Cost not reported for this measure for this hospital

d Statewide rates not reported for this hospital

Leapfrog Quality Ratings for Athol Memorial Hospital

Measure	Rating	Status
Managing Serious Errors (Never Events)	☆	Willing to report publicly
Patient Safety Practices Composite Score	☆	Willing to report publicly
Requires Staff to Use Computers	☆	Willing to report publicly
Use of Intensivists in ICUs	☆	Willing to report publicly

Baystate Franklin Medical Center

Measure by Category	Quality			Cost				
	Rating	Score	Statewide Score	Rating	15th Percentile	Median	85th Percentile	Statewide Median
Bone and Joint Care								
Hip Fracture	+++	1 58	2.40	b	--	--	--	\$20,000
Hip Replacement ‡	--	--	0.11	b	--	--	--	\$19,250
Heart Care								
Heart Attack Δ	++	96%	97%	b	--	--	--	\$12,900
Heart Failure Δ	+++	94%	87%	b	--	--	--	\$7,250
Stroke ‡	+	16.59	10.26	b	--	--	--	\$12,500
Obstetrics								
Cesarean Section	--	--	--	\$\$\$	\$3,500	\$6,100	\$7,600	\$5,750
Normal Newborn	--	--	--	\$\$\$	\$800	\$1,300	\$1,400	\$1,200
Vaginal Delivery	--	--	--	\$	\$2,200	\$3,700	\$4,600	\$3,700
Outpatient Diagnostic Procedure								
CT Scan of Abdomen w Contrast	--	--	--	\$	\$375	\$475	\$550	\$525
CT Scan of Abdomen w/o Contrast	--	--	--	\$	\$325	\$325	\$450	\$350
CT Scan of Chest w Contrast	--	--	--	\$	\$400	\$450	\$550	\$525
CT Scan of Chest w/o Contrast	--	--	--	\$	\$325	\$375	\$450	\$425
CT Scan of Head w/o Contrast	--	--	--	\$	\$275	\$300	\$375	\$350
Doppler Echocardiography	--	--	--	\$	\$150	\$175	\$250	\$200
Echocardiography w Image Documentation	--	--	--	\$\$\$	\$275	\$300	\$425	\$350
Mammogram Screening	--	--	--	\$	\$75	\$100	\$125	\$100
Myocardial Perfusion Imaging	--	--	--	\$	\$650	\$675	\$925	\$825
X-Ray of Chest	--	--	--	\$	\$30	\$90	\$100	\$90
Respiratory								
Pneumonia Δ	+++	94%	91%	b	--	--	--	\$5,700
How Patients Rate the Hospital Overall Δ								
	--	--	64%					

Note: Unless otherwise noted, the service was provided in an inpatient setting.

‡ Outcome/ mortality measure - quality score indicates mortality rate for this measure for this hospital

Δ Process measure - measures whether the hospital did what it was supposed to do in treating a patient and quality score indicates how the hospital compares to other hospitals

-- No measure available

a Insufficient data to support a ranking for this hospital on this quality measure

b Insufficient data to support a ranking for this hospital on this cost measure

c Cost not reported for this measure for this hospital

d Statewide rates not reported for this hospital

Leapfrog Quality Ratings for Baystate Franklin Medical Center

Measure	Rating	Status
Managing Serious Errors (Never Events)	☆☆☆	Fully implemented
Patient Safety Practices Composite Score	☆☆☆	Good progress
Requires Staff to Use Computers	☆☆	Good early stage effort
Use of Intensivists in ICUs	☆	Willing to report publicly

Baystate Mary Lane Hospital

Measure by Category	Quality			Cost				
	Rating	Score	Statewide Score	Rating	15th Percentile	Median	85th Percentile	Statewide Median
Bone and Joint Care								
Hip Fracture	--	--	2.40	b	--	--	--	\$20,000
Hip Replacement ‡	--	--	0.11	b	--	--	--	\$19,250
Heart Care								
Heart Attack Δ	+++	97%	97%	b	--	--	--	\$12,900
Heart Failure Δ	+++	94%	87%	b	--	--	--	\$7,250
Stroke ‡	--	--	10.26	b	--	--	--	\$12,500
Obstetrics								
Normal Newborn	--	--	--	\$\$\$	\$1,000	\$1,300	\$1,300	\$1,200
Vaginal Delivery	--	--	--	\$\$\$	\$2,600	\$3,900	\$4,700	\$3,700
Outpatient Diagnostic Procedure								
CT Scan of Abdomen w Contrast	--	--	--	\$	\$375	\$475	\$575	\$525
CT Scan of Abdomen w/o Contrast	--	--	--	\$	\$300	\$325	\$475	\$350
CT Scan of Chest w Contrast	--	--	--	\$	\$400	\$450	\$500	\$525
CT Scan of Head w/o Contrast	--	--	--	\$	\$300	\$300	\$400	\$350
Doppler Echocardiography	--	--	--	\$\$\$	\$150	\$250	\$250	\$200
Echocardiography w Image Documentation	--	--	--	\$\$\$	\$250	\$325	\$375	\$350
Mammogram Screening	--	--	--	\$	\$75	\$100	\$100	\$100
Ultrasound (After 1st Trimester)	--	--	--	\$	\$125	\$175	\$200	\$225
X-Ray of Chest	--	--	--	\$	\$30	\$90	\$100	\$90
Respiratory								
Pneumonia Δ	++++	96%	91%	b	--	--	--	\$5,700
How Patients Rate the Hospital Overall Δ								
	--	--	64%					

Note: Unless otherwise noted, the service was provided in an inpatient setting.

‡ Outcome/ mortality measure - quality score indicates mortality rate for this measure for this hospital

Δ Process measure - measures whether the hospital did what it was supposed to do in treating a patient and quality score indicates how the hospital compares to other hospitals

-- No measure available

a Insufficient data to support a ranking for this hospital on this quality measure

b Insufficient data to support a ranking for this hospital on this cost measure

c Cost not reported for this measure for this hospital

d Statewide rates not reported for this hospital

Leapfrog Quality Ratings for Baystate Mary Lane Hospital

Measure	Rating	Status
Managing Serious Errors (Never Events)	☆☆☆☆	Fully implemented
Patient Safety Practices Composite Score	☆☆☆☆	Good progress
Requires Staff to Use Computers	☆☆	Good early stage effort
Use of Intensivists in ICUs	☆	Willing to report publicly

Baystate Medical Center

Measure by Category	Quality			Cost				
	Rating	Score	Statewide Score	Rating	15th Percentile	Median	85th Percentile	Statewide Median
Bone and Joint Care								
Back and Neck Procedures (Except Spinal Fusion)	--	--	--	\$\$	\$5,600	\$7,200	\$9,700	\$7,700
Hip Fracture	++	3.88	2.40	b	--	--	--	\$20,000
Hip Replacement ‡	++++	0.00	0.11	\$	\$16,500	\$18,000	\$19,500	\$19,250
Knee Replacement	--	--	--	\$\$	\$14,500	\$15,500	\$18,500	\$16,000
Spinal Fusion	--	--	--	b	\$10,500	\$21,500	\$37,000	\$25,000
Digestive System								
Intestinal Surgery	--	--	--	\$\$	\$9,500	\$14,000	\$35,500	\$14,750
Weight Loss Surgery	--	--	--	\$\$	\$6,500	\$12,000	\$13,500	\$13,000
Heart Care								
Angioplasty ‡	a	0.57	d	\$\$	\$8,000	\$20,000	\$21,500	\$22,000
Bypass Surgery ‡	a	1.60	d	b	\$27,000	\$36,000	\$57,000	\$43,500
Heart Attack Δ	+++	98%	97%	b	\$4,000	\$11,300	\$16,300	\$12,900
Heart Failure Δ	+++	93%	87%	b	\$5,700	\$6,300	\$14,400	\$7,250
Stroke ‡	++	11.68	10.26	b	--	--	--	\$12,500
Obstetrics								
Cesarean Section	--	--	--	\$\$\$	\$4,100	\$5,800	\$7,400	\$5,750
Normal Newborn	--	--	--	\$\$\$	\$1,200	\$1,400	\$2,100	\$1,200
Vaginal Delivery	--	--	--	\$\$	\$2,700	\$3,700	\$4,600	\$3,700
Outpatient Diagnostic Procedure								
CT Scan of Abdomen w Contrast	--	--	--	\$\$\$	\$350	\$650	\$675	\$525
CT Scan of Abdomen w/o Contrast	--	--	--	\$\$\$	\$325	\$425	\$550	\$350
CT Scan of Chest w Contrast	--	--	--	\$\$\$	\$375	\$625	\$700	\$525
CT Scan of Chest w/o Contrast	--	--	--	\$\$\$	\$325	\$475	\$550	\$425
CT Scan of Head w/o Contrast	--	--	--	\$\$\$	\$275	\$400	\$475	\$350
Doppler Echocardiography	--	--	--	\$\$\$	\$200	\$225	\$275	\$200
Echocardiography w Image Documentation	--	--	--	\$\$\$	\$350	\$375	\$400	\$350
Mammogram Screening	--	--	--	\$\$	\$75	\$100	\$125	\$100
MRI of Brain w/o contrast	--	--	--	\$\$\$	\$625	\$825	\$1,100	\$825
MRI of Lumbar Spine w/o contrast	--	--	--	\$\$\$	\$650	\$800	\$1,225	\$775
Myocardial Perfusion Imaging	--	--	--	\$\$\$	\$650	\$900	\$1,175	\$825
Ultrasound (1st Trimester)	--	--	--	\$\$\$	\$50	\$200	\$200	\$150
X-Ray of Chest	--	--	--	\$\$\$	\$30	\$120	\$120	\$90
Outpatient Radiation								
Radiation Treatment: 3 or More Areas (6-10 MeV)	--	--	--	\$	\$125	\$225	\$350	\$275
Radiation Treatment: 3 or More Areas (11-19 MeV)	--	--	--	\$\$	\$125	\$225	\$325	\$275
Radiation Treatment: Intensity Modulated (Per Session)	--	--	--	\$\$	\$600	\$600	\$600	\$1,200
Respiratory								
Pneumonia Δ	++	91%	91%	\$\$\$	\$4,000	\$6,800	\$10,000	\$5,700
How Patients Rate the Hospital Overall Δ								
	--	--	64%					

Note: Unless otherwise noted, the service was provided in an inpatient setting.

‡ Outcome/ mortality measure - quality score indicates mortality rate for this measure for this hospital
 Δ Process measure - measures whether the hospital did what it was supposed to do in treating a patient
 and quality score indicates how the hospital compares to other hospitals
 -- No measure available

a Insufficient data to support a ranking for this hospital on this quality measure
 b Insufficient data to support a ranking for this hospital on this cost measure
 c Cost not reported for this measure for this hospital
 d Statewide rates not reported for this hospital

Leapfrog Quality Ratings for Baystate Medical Center

Measure	Rating	Status
Aortic Valve Replacement High Risk Treatment	☆☆☆☆	Fully implemented
Managing Serious Errors (Never Events)	☆☆☆☆	Fully implemented
Patient Safety Practices Composite Score	☆☆☆☆	Fully implemented
Reduce In-Hospital Injuries	☆☆☆	Good progress
Reduce Pressure Ulcers	☆☆☆☆	Fully implemented
Requires Staff to Use Computers	☆☆	Good early stage effort
Use of Intensivists in ICUs	☆☆☆☆	Fully implemented
Weight Loss Surgery Treatment	☆☆☆	Good progress

Berkshire Medical Center

Measure by Category	Quality			Cost				
	Rating	Score	Statewide Score	Rating	15th Percentile	Median	85th Percentile	Statewide Median
Bone and Joint Care								
Back and Neck Procedures (Except Spinal Fusion)	--	--	--	b	--	--	--	\$7,700
Hip Fracture	+++	1 90	2.40	b	--	--	--	\$20,000
Hip Replacement ‡	++++	0 00	0.11	b	--	--	--	\$19,250
Digestive System								
Weight Loss Surgery	--	--	--	b	--	--	--	\$13,000
Heart Care								
Heart Attack Δ	++++	99%	97%	b	--	--	--	\$12,900
Heart Failure Δ	+++	93%	87%	b	--	--	--	\$7,250
Stroke ‡	+++	9 54	10 26	b	--	--	--	\$12,500
Obstetrics								
Cesarean Section	--	--	--	b	--	--	--	\$5,750
Normal Newborn	--	--	--	b	\$1,100	\$1,600	\$1,700	\$1,200
Vaginal Delivery	--	--	--	b	--	--	--	\$3,700
Outpatient Diagnostic Procedure								
CT Scan of Abdomen w Contrast	--	--	--	\$\$\$	\$700	\$725	\$750	\$525
CT Scan of Abdomen w/o Contrast	--	--	--	\$\$\$	\$600	\$625	\$650	\$350
CT Scan of Chest w Contrast	--	--	--	\$\$\$	\$700	\$725	\$775	\$525
CT Scan of Chest w/o Contrast	--	--	--	\$\$\$	\$625	\$650	\$650	\$425
CT Scan of Head w/o Contrast	--	--	--	\$\$\$	\$475	\$500	\$500	\$350
Doppler Echocardiography	--	--	--	\$\$\$	\$200	\$225	\$225	\$200
Echocardiography w Image Documentation	--	--	--	\$	\$250	\$250	\$275	\$350
Mammogram Screening	--	--	--	\$	\$75	\$75	\$75	\$100
MRI of Brain w/o contrast	--	--	--	\$\$\$	\$1,075	\$1,125	\$1,175	\$825
MRI of Joint of Lower Extremity	--	--	--	b	--	--	--	\$750
MRI of Lumbar Spine w/o contrast	--	--	--	\$\$\$	\$1,075	\$1,125	\$1,125	\$775
Myocardial Perfusion Imaging	--	--	--	\$\$\$	\$950	\$975	\$1,000	\$825
Ultrasound (1st Trimester)	--	--	--	\$\$\$	\$325	\$325	\$325	\$150
Ultrasound (After 1st Trimester)	--	--	--	\$\$\$	\$325	\$325	\$325	\$225
X-Ray of Chest	--	--	--	\$\$\$	\$120	\$130	\$130	\$90
Outpatient Radiation								
Radiation Treatment: 3 or More Areas (6-10 MeV)	--	--	--	\$	\$250	\$250	\$275	\$275
Radiation Treatment: 3 or More Areas (11-19 MeV)	--	--	--	\$\$\$	\$250	\$250	\$275	\$275
Radiation Treatment: Intensity Modulated (Per Session)	--	--	--	\$	\$600	\$600	\$600	\$1,200
Respiratory								
Pneumonia Δ	++++	97%	91%	b	--	--	--	\$5,700
How Patients Rate the Hospital Overall Δ								
	+	53%	64%					

Note: Unless otherwise noted, the service was provided in an inpatient setting.

‡ Outcome/ mortality measure - quality score indicates mortality rate for this measure for this hospital

Δ Process measure - measures whether the hospital did what it was supposed to do in treating a patient and quality score indicates how the hospital compares to other hospitals

-- No measure available

a Insufficient data to support a ranking for this hospital on this quality measure

b Insufficient data to support a ranking for this hospital on this cost measure

c Cost not reported for this measure for this hospital

d Statewide rates not reported for this hospital

Leapfrog Quality Ratings for Berkshire Medical Center

Measure	Rating	Status
Managing Serious Errors (Never Events)	☆☆☆☆	Fully implemented
Patient Safety Practices Composite Score	☆☆☆☆	Fully implemented
Requires Staff to Use Computers	☆☆☆	Good progress
Use of Intensivists in ICUs	☆☆☆☆	Fully implemented
Weight Loss Surgery Treatment	☆	Willing to report publicly

Beth Israel Deaconess Hospital - Needham

Measure by Category	Quality			Cost				
	Rating	Score	Statewide Score	Rating	15th Percentile	Median	85th Percentile	Statewide Median
Bone and Joint Care								
Hip Fracture	++	2.38	2.40	b	--	--	--	\$20,000
Hip Replacement ‡	--	--	0.11	b	--	--	--	\$19,250
Heart Care								
Heart Attack Δ	+++	97%	97%	b	--	--	--	\$12,900
Heart Failure Δ	++	80%	87%	b	--	--	--	\$7,250
Stroke ‡	--	--	10.26	b	--	--	--	\$12,500
Outpatient Diagnostic Procedure								
CT Scan of Abdomen w Contrast	--	--	--	\$\$	\$175	\$425	\$475	\$525
CT Scan of Abdomen w/o Contrast	--	--	--	\$	\$175	\$275	\$400	\$350
CT Scan of Chest w Contrast	--	--	--	\$\$	\$350	\$425	\$525	\$525
CT Scan of Chest w/o Contrast	--	--	--	\$\$	\$325	\$350	\$400	\$425
CT Scan of Head w/o Contrast	--	--	--	\$\$	\$275	\$325	\$350	\$350
Doppler Echocardiography	--	--	--	\$	\$100	\$100	\$200	\$200
Echocardiography w Image Documentation	--	--	--	\$	\$175	\$175	\$425	\$350
X-Ray of Chest	--	--	--	\$\$	\$60	\$80	\$90	\$90
Respiratory								
Pneumonia Δ	+	85%	91%	b	--	--	--	\$5,700
How Patients Rate the Hospital Overall Δ								
	++	59%	64%					

Note: Unless otherwise noted, the service was provided in an inpatient setting.

‡ Outcome/ mortality measure - quality score indicates mortality rate for this measure for this hospital

Δ Process measure - measures whether the hospital did what it was supposed to do in treating a patient and quality score indicates how the hospital compares to other hospitals

-- No measure available

a Insufficient data to support a ranking for this hospital on this quality measure

b Insufficient data to support a ranking for this hospital on this cost measure

c Cost not reported for this measure for this hospital

d Statewide rates not reported for this hospital

Leapfrog Quality Ratings for Beth Israel Deaconess Hospital - Needham

Measure	Rating	Status
No ratings for this hospital		

Beth Israel Deaconess Medical Center

Measure by Category	Quality			Cost				
	Rating	Score	Statewide Score	Rating	15th Percentile	Median	85th Percentile	Statewide Median
Bone and Joint Care								
Back and Neck Procedures (Except Spinal Fusion)	--	--	--	\$\$\$	\$7,400	\$9,300	\$12,400	\$7,700
Hip Fracture	++++	1.16	2.40	b	--	--	--	\$20,000
Hip Replacement ‡	++++	0.00	0.11	\$\$\$	\$19,500	\$21,500	\$25,000	\$19,250
Spinal Fusion	--	--	--	b	\$24,500	\$35,000	\$51,500	\$25,000
Digestive System								
Gall Bladder	--	--	--	\$\$\$	\$5,800	\$9,700	\$14,000	\$8,000
Intestinal Surgery	--	--	--	\$\$\$	\$12,000	\$17,000	\$25,000	\$14,750
Weight Loss Surgery	--	--	--	\$\$\$	\$9,000	\$14,500	\$16,500	\$13,000
Heart Care								
Angioplasty ‡	a	0.55	d	\$\$\$	\$14,500	\$23,000	\$27,500	\$22,000
Bypass Surgery ‡	a	1.16	d	b	\$37,000	\$43,500	\$68,500	\$43,500
Cardiac Valve Surgery	--	--	--	b	\$44,500	\$53,000	\$118,000	\$53,000
Heart Attack Δ	+++	97%	97%	b	\$7,900	\$15,300	\$21,700	\$12,900
Heart Failure Δ	+++	93%	87%	b	\$6,900	\$7,900	\$16,300	\$7,250
Stroke ‡	+++	10.31	10.26	b	\$11,500	\$12,000	\$18,000	\$12,500
Obstetrics								
Cesarean Section	--	--	--	\$\$\$	\$6,100	\$7,000	\$8,200	\$5,750
Normal Newborn	--	--	--	\$\$\$	\$1,400	\$1,400	\$1,400	\$1,200
Vaginal Delivery	--	--	--	\$\$\$	\$4,100	\$4,600	\$6,100	\$3,700
Outpatient Diagnostic Procedure								
CT Scan of Abdomen w Contrast	--	--	--	\$\$\$	\$200	\$675	\$675	\$525
CT Scan of Abdomen w/o Contrast	--	--	--	\$\$\$	\$200	\$425	\$525	\$350
CT Scan of Chest w Contrast	--	--	--	\$\$\$	\$350	\$650	\$675	\$525
CT Scan of Chest w/o Contrast	--	--	--	\$\$\$	\$375	\$500	\$550	\$425
CT Scan of Head w/o Contrast	--	--	--	\$\$\$	\$375	\$425	\$450	\$350
Doppler Echocardiography	--	--	--	\$	\$150	\$175	\$275	\$200
Echocardiography w Image Documentation	--	--	--	\$\$\$	\$300	\$300	\$375	\$350
Mammogram Screening	--	--	--	\$\$\$	\$50	\$150	\$150	\$100
MRI of Brain w/o contrast	--	--	--	\$\$\$	\$825	\$850	\$1,050	\$825
MRI of Joint of Lower Extremity	--	--	--	\$\$\$	\$750	\$825	\$900	\$750
MRI of Lumbar Spine w/o contrast	--	--	--	\$\$\$	\$825	\$850	\$1,150	\$775
Myocardial Perfusion Imaging	--	--	--	\$\$\$	\$925	\$975	\$1,150	\$825
Ultrasound (1st Trimester)	--	--	--	\$\$\$	\$100	\$200	\$200	\$150
Ultrasound (After 1st Trimester)	--	--	--	\$\$\$	\$125	\$225	\$300	\$225
X-Ray of Chest	--	--	--	\$\$\$	\$60	\$120	\$120	\$90
Outpatient Radiation								
Radiation Treatment: 3 or More Areas (6-10 MeV)	--	--	--	\$\$\$	\$225	\$375	\$400	\$275
Radiation Treatment: Intensity Modulated (Per Session)	--	--	--	\$\$\$	\$900	\$1,500	\$1,800	\$1,200
Respiratory								
Pneumonia Δ	+++	92%	91%	\$\$\$	\$4,200	\$6,400	\$14,500	\$5,700
How Patients Rate the Hospital Overall Δ								
	++++	72%	64%					

Note: Unless otherwise noted, the service was provided in an inpatient setting.

‡ Outcome/ mortality measure - quality score indicates mortality rate for this measure for this hospital

Δ Process measure - measures whether the hospital did what it was supposed to do in treating a patient and quality score indicates how the hospital compares to other hospitals

-- No measure available

a Insufficient data to support a ranking for this hospital on this quality measure

b Insufficient data to support a ranking for this hospital on this cost measure

c Cost not reported for this measure for this hospital

d Statewide rates not reported for this hospital

Leapfrog Quality Ratings for Beth Israel Deaconess Medical Center

Measure	Rating	Status
Aortic Valve Replacement High Risk Treatment	☆☆☆☆	Fully implemented
Managing Serious Errors (Never Events)	☆☆☆☆	Fully implemented
Patient Safety Practices Composite Score	☆	Willing to report publicly
Reduce In-Hospital Injuries	☆☆	Good early stage effort
Reduce Pressure Ulcers	☆	Willing to report publicly
Requires Staff to Use Computers	☆☆☆☆	Fully implemented
Use of Intensivists in ICUs	☆☆☆☆	Fully implemented
Weight Loss Surgery Treatment	☆☆☆	Good progress

Boston Medical Center

Measure by Category	Quality			Cost				
	Rating	Score	Statewide Score	Rating	15th Percentile	Median	85th Percentile	Statewide Median
Bone and Joint Care								
Back and Neck Procedures (Except Spinal Fusion)	--	--	--	\$\$	\$6,700	\$7,400	\$12,800	\$7,700
Hip Fracture	+	4.12	2.40	b	--	--	--	\$20,000
Hip Replacement ‡	++++	0.00	0.11	b	--	--	--	\$19,250
Digestive System								
Intestinal Surgery	--	--	--	\$\$	\$10,500	\$13,500	\$30,500	\$14,750
Weight Loss Surgery	--	--	--	\$\$	\$6,000	\$12,500	\$13,000	\$13,000
Heart Care								
Angioplasty ‡	a	0.52	d	\$	\$13,500	\$17,000	\$21,500	\$22,000
Bypass Surgery ‡	a	2.45	d	b	\$26,500	\$34,000	\$60,000	\$43,500
Heart Attack Δ	++	96%	97%	b	--	--	--	\$12,900
Heart Failure Δ	+	78%	87%	b	--	--	--	\$7,250
Stroke ‡	+++	9.99	10.26	b	--	--	--	\$12,500
Obstetrics								
Cesarean Section	--	--	--	\$\$\$	\$4,900	\$6,000	\$7,400	\$5,750
Normal Newborn	--	--	--	\$\$	\$1,200	\$1,200	\$1,400	\$1,200
Vaginal Delivery	--	--	--	\$\$	\$3,300	\$3,700	\$4,600	\$3,700
Outpatient Diagnostic Procedure								
CT Scan of Abdomen w Contrast	--	--	--	\$\$	\$200	\$425	\$425	\$525
CT Scan of Abdomen w/o Contrast	--	--	--	\$	\$200	\$275	\$325	\$350
CT Scan of Chest w Contrast	--	--	--	\$\$	\$200	\$425	\$425	\$525
CT Scan of Chest w/o Contrast	--	--	--	\$	\$200	\$325	\$325	\$425
CT Scan of Head w/o Contrast	--	--	--	\$	\$175	\$275	\$275	\$350
Doppler Echocardiography	--	--	--	\$\$	\$100	\$150	\$175	\$200
Echocardiography w Image Documentation	--	--	--	\$\$	\$250	\$250	\$275	\$350
Mammogram Screening	--	--	--	\$\$	\$25	\$100	\$100	\$100
MRI of Brain w/o contrast	--	--	--	\$	\$450	\$550	\$550	\$825
MRI of Joint of Lower Extremity	--	--	--	\$	\$450	\$500	\$625	\$750
MRI of Lumbar Spine w/o contrast	--	--	--	\$	\$450	\$550	\$700	\$775
Myocardial Perfusion Imaging	--	--	--	\$	\$600	\$600	\$675	\$825
Ultrasound (1st Trimester)	--	--	--	\$	\$25	\$75	\$125	\$150
X-Ray of Chest	--	--	--	\$\$	\$40	\$80	\$80	\$90
Outpatient Radiation								
Radiation Treatment: 3 or More Areas (6-10 MeV)	--	--	--	\$\$	\$100	\$250	\$325	\$275
Radiation Treatment: 3 or More Areas (11-19 MeV)	--	--	--	\$	\$100	\$175	\$225	\$275
Radiation Treatment: Intensity Modulated (Per Session)	--	--	--	\$\$	\$900	\$900	\$1,600	\$1,200
Respiratory								
Pneumonia Δ	+	70%	91%	b	--	--	--	\$5,700
How Patients Rate the Hospital Overall Δ								
	++	62%	64%					

Note: Unless otherwise noted, the service was provided in an inpatient setting.

‡ Outcome/ mortality measure - quality score indicates mortality rate for this measure for this hospital

Δ Process measure - measures whether the hospital did what it was supposed to do in treating a patient and quality score indicates how the hospital compares to other hospitals

-- No measure available

a Insufficient data to support a ranking for this hospital on this quality measure

b Insufficient data to support a ranking for this hospital on this cost measure

c Cost not reported for this measure for this hospital

d Statewide rates not reported for this hospital

Leapfrog Quality Ratings for Boston Medical Center

Measure	Rating	Status
No ratings for this hospital		

Brigham and Women's Hospital

Measure by Category	Quality			Cost				
	Rating	Score	Statewide Score	Rating	15th Percentile	Median	85th Percentile	Statewide Median
Bone and Joint Care								
Back and Neck Procedures (Except Spinal Fusion)	--	--	--	\$\$\$\$	\$9,000	\$9,800	\$12,000	\$7,700
Hip Fracture	+++	2.14	2.40	b	--	--	--	\$20,000
Knee Replacement	--	--	--	\$\$\$\$	\$19,500	\$20,000	\$27,000	\$16,000
Spinal Fusion	--	--	--	b	\$17,500	\$32,000	\$45,000	\$25,000
Hip Replacement ‡	+	0.29	0.11	\$\$\$\$	\$22,500	\$24,500	\$30,000	\$19,250
Digestive System								
Gall Bladder	--	--	--	\$\$\$	\$6,200	\$10,100	\$14,400	\$8,000
Intestinal Surgery	--	--	--	\$\$\$\$	\$13,000	\$17,500	\$47,000	\$14,750
Weight Loss Surgery	--	--	--	\$\$\$\$	\$10,000	\$16,500	\$18,000	\$13,000
Heart Care								
Cardiac Valve Surgery	--	--	--	b	\$50,000	\$61,000	\$127,500	\$53,000
Angioplasty ‡	a	0.53	d	\$\$\$	\$14,500	\$24,500	\$29,500	\$22,000
Bypass Surgery ‡	a	1.42	d	b	\$37,500	\$47,000	\$75,500	\$7,700
Heart Attack Δ	++++	99%	97%	b	\$7,600	\$13,500	\$23,400	\$12,900
Heart Failure Δ	++++	95%	87%	b	\$7,700	\$9,200	\$27,600	\$7,250
Stroke ‡	+++	9.51	10.26	b	\$11,500	\$13,500	\$24,500	\$12,500
Obstetrics								
Cesarean Section	--	--	--	\$\$\$\$	\$6,800	\$7,600	\$9,400	\$5,750
Normal Newborn	--	--	--	b	--	--	--	\$1,200
Vaginal Delivery	--	--	--	\$\$\$\$	\$4,300	\$4,900	\$6,400	\$3,700
Outpatient Diagnostic Procedure								
CT Scan of Abdomen w Contrast	--	--	--	\$\$\$\$	\$250	\$875	\$975	\$525
CT Scan of Abdomen w/o Contrast	--	--	--	\$\$\$	\$250	\$675	\$625	\$350
CT Scan of Chest w Contrast	--	--	--	\$\$\$\$	\$525	\$850	\$925	\$525
CT Scan of Chest w/o Contrast	--	--	--	\$\$\$	\$525	\$650	\$725	\$425
CT Scan of Head w/o Contrast	--	--	--	\$\$\$	\$500	\$550	\$600	\$350
Doppler Echocardiography	--	--	--	\$\$\$\$	\$275	\$275	\$300	\$200
Echocardiography w Image Documentation	--	--	--	\$\$\$\$	\$425	\$450	\$575	\$350
MRI of Brain w/o contrast	--	--	--	\$\$\$	\$450	\$1,125	\$1,225	\$825
MRI of Joint of Lower Extremity	--	--	--	\$\$\$	\$450	\$975	\$1,225	\$750
MRI of Lumbar Spine w/o contrast	--	--	--	\$\$\$	\$500	\$1,100	\$1,225	\$775
Myocardial Perfusion Imaging	--	--	--	\$\$\$\$	\$1,225	\$1,225	\$1,875	\$825
Ultrasound (1st Trimester)	--	--	--	\$\$\$\$	\$125	\$275	\$275	\$150
Ultrasound (After 1st Trimester)	--	--	--	\$\$\$\$	\$225	\$400	\$425	\$225
X-Ray of Chest	--	--	--	\$\$\$\$	\$110	\$160	\$170	\$90
Outpatient Radiation								
Radiation Treatment: 3 or More Areas (11-19 MeV)	--	--	--	\$\$\$\$	\$300	\$450	\$500	\$275
Radiation Treatment: 3 or More Areas (6-10 MeV)	--	--	--	\$\$\$	\$250	\$350	\$500	\$275
Radiation Treatment: Intensity Modulated (Per Session)	--	--	--	\$\$\$\$	\$1,100	\$1,700	\$1,700	\$1,200
Respiratory								
Pneumonia Δ	++	89%	91%	\$\$\$\$	\$5,600	\$7,900	\$15,500	\$5,700
How Patients Rate the Hospital Overall Δ								
	++++	75%	64%					

Note: Unless otherwise noted, the service was provided in an inpatient setting.

‡ Outcome/ mortality measure - quality score indicates mortality rate for this measure for this hospital
 Δ Process measure - measures whether the hospital did what it was supposed to do in treating a patient and quality score indicates how the hospital compares to other hospitals
 -- No measure available

a Insufficient data to support a ranking for this hospital on this quality measure
 b Insufficient data to support a ranking for this hospital on this cost measure
 c Cost not reported for this measure for this hospital
 d Statewide rates not reported for this hospital

Leapfrog Quality Ratings for Brigham and Women's Hospital

Measure	Rating	Status
Aortic Valve Replacement High Risk Treatment	☆☆☆☆	Fully implemented
Managing Serious Errors (Never Events)	☆☆☆☆	Fully implemented
Patient Safety Practices Composite Score	☆☆☆☆	Fully implemented
Reduce In-Hospital Injuries	☆☆☆☆	Fully implemented
Reduce Pressure Ulcers	☆☆☆	Good progress
Requires Staff to Use Computers	☆☆☆☆	Fully implemented
Use of Intensivists in ICUs	☆☆☆☆	Fully implemented
Weight Loss Surgery Treatment	☆☆☆	Good progress

Cambridge Health Alliance - Cambridge

Measure by Category	Quality			Cost				
	Rating	Score	Statewide Score	Rating	15th Percentile	Median	85th Percentile	Statewide Median
Bone and Joint Care								
Hip Fracture	--	--	2.40	b	--	--	--	\$20,000
Hip Replacement ‡	--	--	0.11	b	--	--	--	\$19,250
Heart Care								
Heart Attack Δ	++++	99%	97%	b	--	--	--	\$12,900
Heart Failure Δ	++++	95%	87%	b	--	--	--	\$7,250
Stroke ‡	--	--	10.26	b	--	--	--	\$12,500
Obstetrics								
Cesarean Section	--	--	--	\$	\$3,500	\$4,600	\$6,600	\$5,750
Normal Newborn	--	--	--	\$	\$900	\$1,000	\$1,100	\$1,200
Vaginal Delivery	--	--	--	\$	\$2,800	\$3,500	\$3,700	\$3,700
Outpatient Diagnostic Procedure								
CT Scan of Abdomen w Contrast	--	--	--	\$	\$75	\$400	\$425	\$525
CT Scan of Abdomen w/o Contrast	--	--	--	\$	\$75	\$250	\$350	\$350
CT Scan of Chest w Contrast	--	--	--	\$	\$350	\$375	\$425	\$525
CT Scan of Chest w/o Contrast	--	--	--	\$	\$275	\$300	\$350	\$425
CT Scan of Head w/o Contrast	--	--	--	\$	\$150	\$250	\$275	\$350
Doppler Echocardiography	--	--	--	\$	\$75	\$125	\$150	\$200
Echocardiography w Image Documentation	--	--	--	\$	\$200	\$200	\$225	\$350
MRI of Brain w/o contrast	--	--	--	\$	\$500	\$500	\$675	\$825
MRI of Joint of Lower Extremity	--	--	--	\$	\$375	\$375	\$525	\$750
MRI of Lumbar Spine w/o contrast	--	--	--	\$	\$375	\$500	\$750	\$775
Myocardial Perfusion Imaging	--	--	--	\$	\$550	\$550	\$775	\$825
Ultrasound (1st Trimester)	--	--	--	\$	\$50	\$75	\$125	\$150
Ultrasound (After 1st Trimester)	--	--	--	\$	\$100	\$175	\$175	\$225
X-Ray of Chest	--	--	--	\$	\$50	\$70	\$70	\$90
Respiratory								
Pneumonia Δ	++++	95%	91%	b	--	--	--	\$5,700
How Patients Rate the Hospital Overall Δ								
	++	59%	64%					

Note: Unless otherwise noted, the service was provided in an inpatient setting.

‡ Outcome/ mortality measure - quality score indicates mortality rate for this measure for this hospital

Δ Process measure - measures whether the hospital did what it was supposed to do in treating a patient and quality score indicates how the hospital compares to other hospitals

-- No measure available

a Insufficient data to support a ranking for this hospital on this quality measure

b Insufficient data to support a ranking for this hospital on this cost measure

c Cost not reported for this measure for this hospital

d Statewide rates not reported for this hospital

Leapfrog Quality Ratings for Cambridge Health Alliance - Cambridge

Measure	Rating	Status
Managing Serious Errors (Never Events)	☆☆☆☆	Fully implemented
Patient Safety Practices Composite Score	☆☆☆☆	Good progress
Reduce In-Hospital Injuries	☆☆☆☆	Fully implemented
Reduce Pressure Ulcers	☆☆☆☆	Fully implemented
Requires Staff to Use Computers	☆☆	Good early stage effort
Use of Intensivists in ICUs	☆☆☆☆	Fully implemented

Cambridge Health Alliance - Somerville

Measure by Category	Quality			Cost				
	Rating	Score	Statewide Score	Rating	15th Percentile	Median	85th Percentile	Statewide Median
Bone and Joint Care								
Hip Fracture	--	--	2.40	b	--	--	--	\$20,000
Hip Replacement ‡	--	--	0.11	b	--	--	--	\$19,250
Heart Care								
Heart Attack Δ	++++	99%	97%	b	--	--	--	\$12,900
Heart Failure Δ	++++	95%	87%	b	--	--	--	\$7,250
Stroke ‡	--	--	10.26	b	--	--	--	\$12,500
Obstetrics								
Cesarean Section	--	--	--	b	--	--	--	\$5,750
Normal Newborn	--	--	--	b	--	--	--	\$1,200
Vaginal Delivery	--	--	--	b	--	--	--	\$3,700
Outpatient Diagnostic Procedure								
CT Scan of Abdomen w Contrast	--	--	--	\$	\$75	\$400	\$425	\$525
CT Scan of Abdomen w/o Contrast	--	--	--	\$	\$75	\$250	\$350	\$350
CT Scan of Chest w Contrast	--	--	--	\$	\$350	\$375	\$425	\$525
CT Scan of Chest w/o Contrast	--	--	--	\$	\$275	\$300	\$350	\$425
CT Scan of Head w/o Contrast	--	--	--	\$	\$150	\$250	\$275	\$350
Doppler Echocardiography	--	--	--	\$	\$75	\$125	\$150	\$200
Echocardiography w Image Documentation	--	--	--	\$	\$200	\$200	\$225	\$350
MRI of Brain w/o contrast	--	--	--	b	--	--	--	\$825
MRI of Joint of Lower Extremity	--	--	--	b	--	--	--	\$750
MRI of Lumbar Spine w/o contrast	--	--	--	b	--	--	--	\$775
Myocardial Perfusion Imaging	--	--	--	\$	\$550	\$550	\$775	\$825
Ultrasound (1st Trimester)	--	--	--	\$	\$50	\$75	\$125	\$150
Ultrasound (After 1st Trimester)	--	--	--	\$	\$100	\$175	\$175	\$225
X-Ray of Chest	--	--	--	\$	\$50	\$70	\$70	\$90
Respiratory								
Pneumonia Δ	++++	95%	91%	b	--	--	--	\$5,700
How Patients Rate the Hospital Overall Δ								
	++	59%	64%					

Note: Unless otherwise noted, the service was provided in an inpatient setting.

‡ Outcome/ mortality measure - quality score indicates mortality rate for this measure for this hospital

Δ Process measure - measures whether the hospital did what it was supposed to do in treating a patient and quality score indicates how the hospital compares to other hospitals

-- No measure available

a Insufficient data to support a ranking for this hospital on this quality measure

b Insufficient data to support a ranking for this hospital on this cost measure

c Cost not reported for this measure for this hospital

d Statewide rates not reported for this hospital

Leapfrog Quality Ratings for Cambridge Health Alliance - Somerville

Measure	Rating	Status
Managing Serious Errors (Never Events)	☆☆☆	Fully implemented
Patient Safety Practices Composite Score	☆☆☆	Good progress
Reduce In-Hospital Injuries	☆	Willing to report publicly
Reduce Pressure Ulcers	☆☆	Good early stage effort
Requires Staff to Use Computers	☆☆	Good early stage effort
Use of Intensivists in ICUs	☆☆☆	Good progress

Cambridge Health Alliance - Whidden Memorial

Measure by Category	Quality			Cost				
	Rating	Score	Statewide Score	Rating	15th Percentile	Median	85th Percentile	Statewide Median
Bone and Joint Care								
Hip Fracture	+	4 69	2.40	b	--	--	--	\$20,000
Hip Replacement ‡	--	--	0.11	b	--	--	--	\$19,250
Heart Care								
Heart Attack Δ	++++	99%	97%	b	--	--	--	\$12,900
Heart Failure Δ	++++	95%	87%	b	--	--	--	\$7,250
Stroke ‡	+++	8 55	10 26	b	--	--	--	\$12,500
Obstetrics								
Cesarean Section	--	--	--	b	--	--	--	\$5,750
Normal Newborn	--	--	--	b	--	--	--	\$1,200
Vaginal Delivery	--	--	--	b	--	--	--	\$3,700
Outpatient Diagnostic Procedure								
CT Scan of Abdomen w Contrast	--	--	--	\$	\$75	\$400	\$425	\$525
CT Scan of Abdomen w/o Contrast	--	--	--	\$	\$75	\$250	\$350	\$350
CT Scan of Chest w Contrast	--	--	--	\$	\$350	\$375	\$425	\$525
CT Scan of Chest w/o Contrast	--	--	--	\$	\$275	\$300	\$350	\$425
CT Scan of Head w/o Contrast	--	--	--	\$	\$150	\$250	\$275	\$350
Doppler Echocardiography	--	--	--	\$	\$75	\$125	\$150	\$200
Echocardiography w Image Documentation	--	--	--	\$	\$200	\$200	\$225	\$350
MRI of Brain w/o contrast	--	--	--	\$	\$500	\$500	\$675	\$825
MRI of Joint of Lower Extremity	--	--	--	\$	\$375	\$375	\$525	\$750
MRI of Lumbar Spine w/o contrast	--	--	--	\$	\$375	\$500	\$750	\$775
Myocardial Perfusion Imaging	--	--	--	\$	\$550	\$550	\$775	\$825
Ultrasound (1st Trimester)	--	--	--	\$	\$50	\$75	\$125	\$150
Ultrasound (After 1st Trimester)	--	--	--	\$	\$100	\$175	\$175	\$225
X-Ray of Chest	--	--	--	\$	\$50	\$70	\$70	\$90
Respiratory								
Pneumonia Δ	++++	95%	91%	b	--	--	--	\$5,700
How Patients Rate the Hospital Overall Δ								
	++	59%	64%					

Note: Unless otherwise noted, the service was provided in an inpatient setting.

‡ Outcome/ mortality measure - quality score indicates mortality rate for this measure for this hospital

Δ Process measure - measures whether the hospital did what it was supposed to do in treating a patient and quality score indicates how the hospital compares to other hospitals

-- No measure available

a Insufficient data to support a ranking for this hospital on this quality measure

b Insufficient data to support a ranking for this hospital on this cost measure

c Cost not reported for this measure for this hospital

d Statewide rates not reported for this hospital

Leapfrog Quality Ratings for Cambridge Health Alliance - Whidden Memorial

Measure	Rating	Status
Managing Serious Errors (Never Events)	☆☆☆☆	Fully implemented
Patient Safety Practices Composite Score	☆☆☆☆	Good progress
Reduce In-Hospital Injuries	☆☆☆☆	Fully implemented
Reduce Pressure Ulcers	☆☆☆☆	Fully implemented
Requires Staff to Use Computers	☆☆	Good early stage effort
Use of Intensivists in ICUs	☆☆	Good progress

Cape Cod Hospital

Measure by Category	Quality			Cost				
	Rating	Score	Statewide Score	Rating	15th Percentile	Median	85th Percentile	Statewide Median
Bone and Joint Care								
Back and Neck Procedures (Except Spinal Fusion)	--	--	--	\$\$	\$2,400	\$6,700	\$7,900	\$7,700
Hip Fracture	+++	2.08	2.40	b	--	--	--	\$20,000
Hip Replacement ‡	++++	0.00	0.11	b	--	--	--	\$19,250
Knee Replacement	--	--	--	\$\$	\$9,500	\$15,000	\$23,000	\$16,000
Digestive System								
Gall Bladder	--	--	--	\$\$\$	\$7,400	\$8,200	\$10,600	\$8,000
Intestinal Surgery	--	--	--	\$\$	\$10,500	\$13,500	\$39,500	\$14,750
Heart Care								
Angioplasty ‡	a	0.46	d	\$\$	\$2,500	\$20,000	\$24,500	\$22,000
Bypass Surgery ‡	a	1.85	d	b	--	--	--	\$43,500
Heart Attack Δ	+++	98%	97%	b	--	--	--	\$12,900
Heart Failure Δ	+	69%	87%	b	--	--	--	\$7,250
Stroke ‡	+++	7.66	10.26	b	--	--	--	\$12,500
Obstetrics								
Cesarean Section	--	--	--	\$\$	\$2,700	\$5,500	\$6,900	\$5,750
Normal Newborn	--	--	--	\$\$	\$700	\$1,200	\$1,400	\$1,200
Vaginal Delivery	--	--	--	\$\$	\$2,800	\$3,600	\$4,500	\$3,700
Outpatient Diagnostic Procedure								
CT Scan of Abdomen w Contrast	--	--	--	\$\$\$\$	\$275	\$1,350	\$1,375	\$525
CT Scan of Abdomen w/o Contrast	--	--	--	\$\$\$\$	\$275	\$1,150	\$1,175	\$350
CT Scan of Chest w Contrast	--	--	--	\$\$\$\$	\$550	\$1,125	\$1,150	\$525
CT Scan of Chest w/o Contrast	--	--	--	\$\$\$\$	\$550	\$850	\$875	\$425
CT Scan of Head w/o Contrast	--	--	--	\$\$\$\$	\$550	\$1,050	\$1,075	\$350
Doppler Echocardiography	--	--	--	\$	\$125	\$125	\$150	\$200
Echocardiography w Image Documentation	--	--	--	\$\$\$\$	\$450	\$475	\$600	\$350
Mammogram Screening	--	--	--	\$\$\$	\$100	\$125	\$150	\$100
MRI of Brain w/o contrast	--	--	--	\$\$\$\$	\$750	\$1,150	\$1,175	\$825
MRI of Joint of Lower Extremity	--	--	--	\$\$\$\$	\$750	\$1,575	\$1,600	\$750
MRI of Lumbar Spine w/o contrast	--	--	--	\$\$\$\$	\$750	\$1,575	\$1,600	\$775
Myocardial Perfusion Imaging	--	--	--	\$\$\$\$	\$1,550	\$1,550	\$1,575	\$825
Ultrasound (1st Trimester)	--	--	--	\$\$\$	\$150	\$175	\$200	\$150
Ultrasound (After 1st Trimester)	--	--	--	\$\$\$\$	\$225	\$300	\$375	\$225
X-Ray of Chest	--	--	--	\$\$\$	\$110	\$120	\$120	\$90
Outpatient Radiation								
Radiation Treatment: 3 or More Areas (6-10 MeV)	--	--	--	\$\$\$	\$325	\$375	\$375	\$275
Radiation Treatment: 3 or More Areas (11-19 MeV)	--	--	--	\$\$\$	\$325	\$375	\$375	\$275
Radiation Treatment: Intensity Modulated (Per Session)	--	--	--	\$	\$400	\$500	\$500	\$1,200
Respiratory								
Pneumonia Δ	++	86%	91%	b	--	--	--	\$5,700
How Patients Rate the Hospital Overall Δ								
	++++	72%	64%					

Note: Unless otherwise noted, the service was provided in an inpatient setting.

‡ Outcome/ mortality measure - quality score indicates mortality rate for this measure for this hospital

Δ Process measure - measures whether the hospital did what it was supposed to do in treating a patient and quality score indicates how the hospital compares to other hospitals

-- No measure available

a Insufficient data to support a ranking for this hospital on this quality measure

b Insufficient data to support a ranking for this hospital on this cost measure

c Cost not reported for this measure for this hospital

d Statewide rates not reported for this hospital

Leapfrog Quality Ratings for Cape Cod Hospital

Measure	Rating	Status
Aortic Valve Replacement High Risk Treatment	☆☆☆	Good progress
Managing Serious Errors (Never Events)	☆☆☆☆	Fully implemented
Patient Safety Practices Composite Score	☆☆☆☆	Fully implemented
Reduce In-Hospital Injuries	☆	Willing to report publicly
Reduce Pressure Ulcers	☆☆☆☆	Fully implemented
Requires Staff to Use Computers	☆☆	Good early stage effort
Use of Intensivists in ICUs	☆☆☆☆	Fully implemented

Caritas Carney Hospital

Measure by Category	Quality			Cost				
	Rating	Score	Statewide Score	Rating	15th Percentile	Median	85th Percentile	Statewide Median
Bone and Joint Care								
Hip Fracture	+	5.04	2.40	b	--	--	--	\$20,000
Hip Replacement ‡	--	--	0.11	b	--	--	--	\$19,250
Heart Care								
Heart Attack Δ	+++	98%	97%	b	--	--	--	\$12,900
Heart Failure Δ	++	88%	87%	b	--	--	--	\$7,250
Stroke ‡	++	10.59	10.26	b	--	--	--	\$12,500
Outpatient Diagnostic Procedure								
CT Scan of Abdomen w Contrast	--	--	--	\$	\$100	\$450	\$475	\$525
CT Scan of Abdomen w/o Contrast	--	--	--	\$	\$100	\$300	\$375	\$350
CT Scan of Chest w Contrast	--	--	--	\$	\$200	\$425	\$500	\$525
CT Scan of Chest w/o Contrast	--	--	--	\$	\$225	\$325	\$425	\$425
CT Scan of Head w/o Contrast	--	--	--	\$	\$225	\$275	\$325	\$350
Doppler Echocardiography	--	--	--	\$	\$125	\$150	\$175	\$200
Echocardiography w Image Documentation	--	--	--	b	--	--	--	\$350
Mammogram Screening	--	--	--	\$	\$25	\$100	\$150	\$100
MRI of Brain w/o contrast	--	--	--	\$	\$525	\$575	\$750	\$825
MRI of Joint of Lower Extremity	--	--	--	b	--	--	--	\$750
MRI of Lumbar Spine w/o contrast	--	--	--	\$	\$525	\$550	\$850	\$775
X-Ray of Chest	--	--	--	\$	\$40	\$80	\$90	\$90
Respiratory								
Pneumonia Δ	+++	93%	91%	b	--	--	--	\$5,700
How Patients Rate the Hospital Overall Δ								
	+++	64%	64%					

Note: Unless otherwise noted, the service was provided in an inpatient setting.

‡ Outcome/ mortality measure - quality score indicates mortality rate for this measure for this hospital

Δ Process measure - measures whether the hospital did what it was supposed to do in treating a patient and quality score indicates how the hospital compares to other hospitals

-- No measure available

a Insufficient data to support a ranking for this hospital on this quality measure

b Insufficient data to support a ranking for this hospital on this cost measure

c Cost not reported for this measure for this hospital

d Statewide rates not reported for this hospital

Leapfrog Quality Ratings for Caritas Carney Hospital

Measure	Rating	Status
Managing Serious Errors (Never Events)	☆☆☆	Fully implemented
Patient Safety Practices Composite Score	☆☆	Good early stage effort
Reduce In-Hospital Injuries	☆	Willing to report publicly
Reduce Pressure Ulcers	☆☆☆	Fully implemented
Requires Staff to Use Computers	☆☆	Good early stage effort
Use of Intensivists in ICUs	☆☆☆	Fully implemented

Caritas Good Samaritan Medical Center

Measure by Category	Quality			Cost				
	Rating	Score	Statewide Score	Rating	15th Percentile	Median	85th Percentile	Statewide Median
Bone and Joint Care								
Hip Fracture	+++	1.46	2.40	b	--	--	--	\$20,000
Hip Replacement ‡	+	0.48	0.11	b	--	--	--	\$19,250
Knee Replacement	--	--	--	\$\$	\$14,500	\$15,500	\$17,500	\$16,000
Digestive System								
Intestinal Surgery	--	--	--	\$\$\$	\$11,500	\$15,500	\$27,000	\$14,750
Heart Care								
Heart Attack Δ	++	95%	97%	b	--	--	--	\$12,900
Heart Failure Δ	++	81%	87%	b	--	--	--	\$7,250
Stroke ‡	+++	9.67	10.26	b	--	--	--	\$12,500
Obstetrics								
Cesarean Section	--	--	--	\$\$	\$5,200	\$5,700	\$7,000	\$5,750
Normal Newborn	--	--	--	\$\$	\$1,100	\$1,200	\$1,200	\$1,200
Vaginal Delivery	--	--	--	\$\$\$	\$3,300	\$3,800	\$4,800	\$3,700
Outpatient Diagnostic Procedure								
CT Scan of Abdomen w Contrast	--	--	--	\$\$	\$250	\$425	\$450	\$525
CT Scan of Abdomen w/o Contrast	--	--	--	\$	\$225	\$275	\$375	\$350
CT Scan of Chest w Contrast	--	--	--	\$	\$400	\$400	\$500	\$525
CT Scan of Chest w/o Contrast	--	--	--	b	--	--	--	\$425
CT Scan of Head w/o Contrast	--	--	--	\$\$	\$275	\$300	\$450	\$350
Doppler Echocardiography	--	--	--	\$\$	\$150	\$175	\$275	\$200
Echocardiography w Image Documentation	--	--	--	\$\$	\$250	\$275	\$600	\$350
Mammogram Screening	--	--	--	\$\$	\$100	\$100	\$100	\$100
MRI of Brain w/o contrast	--	--	--	\$	\$550	\$550	\$1,150	\$825
MRI of Joint of Lower Extremity	--	--	--	\$	\$475	\$475	\$1,075	\$750
MRI of Lumbar Spine w/o contrast	--	--	--	\$	\$550	\$550	\$775	\$775
Myocardial Perfusion Imaging	--	--	--	b	--	--	--	\$825
Ultrasound (1st Trimester)	--	--	--	\$\$	\$125	\$125	\$150	\$150
Ultrasound (After 1st Trimester)	--	--	--	\$\$	\$175	\$200	\$200	\$225
X-Ray of Chest	--	--	--	\$\$	\$80	\$80	\$120	\$90
Respiratory								
Chronic Obstructive Pulmonary Disease (COPD)	--	--	--	\$\$\$	\$4,500	\$5,200	\$7,900	\$4,700
Pneumonia Δ	+++	94%	91%	b	--	--	--	\$5,700
How Patients Rate the Hospital Overall Δ								
	++	61%	64%					

Note: Unless otherwise noted, the service was provided in an inpatient setting.

‡ Outcome/ mortality measure - quality score indicates mortality rate for this measure for this hospital

Δ Process measure - measures whether the hospital did what it was supposed to do in treating a patient and quality score indicates how the hospital compares to other hospitals

-- No measure available

a Insufficient data to support a ranking for this hospital on this quality measure

b Insufficient data to support a ranking for this hospital on this cost measure

c Cost not reported for this measure for this hospital

d Statewide rates not reported for this hospital

Leapfrog Quality Ratings for Caritas Good Samaritan Medical Center

Measure	Rating	Status
Managing Serious Errors (Never Events)	☆☆☆☆	Fully implemented
Patient Safety Practices Composite Score	☆☆☆☆	Fully implemented
Reduce In-Hospital Injuries	☆☆☆	Good progress
Reduce Pressure Ulcers	☆☆☆☆	Fully implemented
Requires Staff to Use Computers	☆☆	Good early stage effort
Use of Intensivists in ICUs	☆☆☆☆	Fully implemented

Caritas Holy Family Hospital

Measure by Category	Quality			Cost				
	Rating	Score	Statewide Score	Rating	15th Percentile	Median	85th Percentile	Statewide Median
Bone and Joint Care								
Back and Neck Procedures (Except Spinal Fusion)	--	--	--	\$	\$5,500	\$6,600	\$6,900	\$7,700
Hip Fracture	+	5.40	2.40	b	--	--	--	\$20,000
Hip Replacement ‡	++++	0.00	0.11	b	--	--	--	\$19,250
Heart Care								
Heart Attack Δ	+	92%	97%	b	--	--	--	\$12,900
Heart Failure Δ	+	76%	87%	b	--	--	--	\$7,250
Stroke ‡	+	16.66	10.26	b	--	--	--	\$12,500
Obstetrics								
Cesarean Section	--	--	--	\$	\$4,500	\$5,100	\$6,500	\$5,750
Normal Newborn	--	--	--	\$	\$900	\$1,000	\$1,000	\$1,200
Vaginal Delivery	--	--	--	\$	\$2,800	\$3,200	\$4,200	\$3,700
Outpatient Diagnostic Procedure								
CT Scan of Abdomen w/o Contrast	--	--	--	\$	\$200	\$275	\$375	\$350
CT Scan of Chest w Contrast	--	--	--	\$	\$400	\$400	\$475	\$525
CT Scan of Chest w/o Contrast	--	--	--	\$	\$325	\$325	\$400	\$425
CT Scan of Head w/o Contrast	--	--	--	\$	\$225	\$275	\$325	\$350
Doppler Echocardiography	--	--	--	b	--	--	--	\$200
Echocardiography w Image Documentation	--	--	--	b	--	--	--	\$350
Mammogram Screening	--	--	--	\$	\$100	\$100	\$100	\$100
Myocardial Perfusion Imaging	--	--	--	b	--	--	--	\$825
Ultrasound (After 1st Trimester)	--	--	--	\$	\$150	\$200	\$200	\$225
X-Ray of Chest	--	--	--	\$	\$40	\$80	\$90	\$90
Outpatient Radiation								
Radiation Treatment: 3 or More Areas (6-10 MeV)	--	--	--	\$	\$225	\$250	\$250	\$275
Radiation Treatment: 3 or More Areas (11-19 MeV)	--	--	--	\$	\$150	\$225	\$250	\$275
Radiation Treatment: Intensity Modulated (Per Session)	--	--	--	\$	\$700	\$900	\$2,100	\$1,200
Respiratory								
Pneumonia Δ	++	88%	91%	b	--	--	--	\$5,700
How Patients Rate the Hospital Overall Δ								
	++	59%	64%					

Note: Unless otherwise noted, the service was provided in an inpatient setting.

‡ Outcome/ mortality measure - quality score indicates mortality rate for this measure for this hospital

Δ Process measure - measures whether the hospital did what it was supposed to do in treating a patient and quality score indicates how the hospital compares to other hospitals

-- No measure available

a Insufficient data to support a ranking for this hospital on this quality measure

b Insufficient data to support a ranking for this hospital on this cost measure

c Cost not reported for this measure for this hospital

d Statewide rates not reported for this hospital

Leapfrog Quality Ratings for Caritas Holy Family Hospital

Measure	Rating	Status
Managing Serious Errors (Never Events)	☆☆☆	Fully implemented
Patient Safety Practices Composite Score	☆☆☆	Good progress
Reduce In-Hospital Injuries	☆☆☆	Fully implemented
Reduce Pressure Ulcers	☆☆☆	Fully implemented
Requires Staff to Use Computers	☆☆	Good early stage effort
Use of Intensivists in ICUs	☆	Willing to report publicly

Caritas Norwood Hospital

Measure by Category	Quality			Cost				
	Rating	Score	Statewide Score	Rating	15th Percentile	Median	85th Percentile	Statewide Median
Bone and Joint Care								
Hip Fracture	++++	0 66	2.40	b	--	--	--	\$20,000
Hip Replacement ‡	++++	0 00	0.11	b	--	--	--	\$19,250
Digestive System								
Intestinal Surgery	--	--	--	\$	\$9,500	\$13,000	\$20,500	\$14,750
Weight Loss Surgery	--	--	--	\$	\$6,000	\$11,000	\$11,500	\$13,000
Heart Care								
Heart Attack Δ	++	95%	97%	b	--	--	--	\$12,900
Heart Failure Δ	+++	91%	87%	b	--	--	--	\$7,250
Stroke ‡	+++	7.72	10 26	b	--	--	--	\$12,500
Obstetrics								
Cesarean Section	--	--	--	\$	\$3,900	\$5,100	\$5,800	\$5,750
Normal Newborn	--	--	--	\$	\$1,000	\$1,100	\$1,100	\$1,200
Vaginal Delivery	--	--	--	\$	\$2,900	\$3,400	\$4,200	\$3,700
Outpatient Diagnostic Procedure								
CT Scan of Abdomen w Contrast	--	--	--	\$	\$200	\$425	\$450	\$525
CT Scan of Abdomen w/o Contrast	--	--	--	\$	\$200	\$275	\$375	\$350
CT Scan of Chest w Contrast	--	--	--	\$	\$375	\$400	\$475	\$525
CT Scan of Chest w/o Contrast	--	--	--	b	--	--	--	\$425
CT Scan of Head w/o Contrast	--	--	--	b	--	--	--	\$350
Mammogram Screening	--	--	--	\$	\$50	\$100	\$100	\$100
MRI of Brain w/o contrast	--	--	--	\$	\$550	\$725	\$875	\$825
MRI of Joint of Lower Extremity	--	--	--	b	--	--	--	\$750
MRI of Lumbar Spine w/o contrast	--	--	--	b	--	--	--	\$775
Ultrasound (1st Trimester)	--	--	--	\$	\$75	\$125	\$125	\$150
Ultrasound (After 1st Trimester)	--	--	--	\$	\$100	\$200	\$200	\$225
X-Ray of Chest	--	--	--	\$	\$50	\$80	\$80	\$90
Outpatient Radiation								
Radiation Treatment: 3 or More Areas (6-10 MeV)	--	--	--	\$	\$225	\$250	\$250	\$275
Radiation Treatment: 3 or More Areas (11-19 MeV)	--	--	--	\$	\$150	\$225	\$225	\$275
Radiation Treatment: Intensity Modulated (Per Session)	--	--	--	\$	\$700	\$900	\$1,800	\$1,200
Respiratory								
Chronic Obstructive Pulmonary Disease (COPD)	--	--	--	\$	\$4,300	\$4,300	\$8,000	\$4,700
Pneumonia Δ	+++	94%	91%	\$	\$3,600	\$4,800	\$7,900	\$5,700
How Patients Rate the Hospital Overall Δ								
	++	59%	64%					

Note: Unless otherwise noted, the service was provided in an inpatient setting.

‡ Outcome/ mortality measure - quality score indicates mortality rate for this measure for this hospital
 Δ Process measure - measures whether the hospital did what it was supposed to do in treating a patient
 and quality score indicates how the hospital compares to other hospitals
 -- No measure available

a Insufficient data to support a ranking for this hospital on this quality measure
 b Insufficient data to support a ranking for this hospital on this cost measure
 c Cost not reported for this measure for this hospital
 d Statewide rates not reported for this hospital

Leapfrog Quality Ratings for Caritas Norwood Hospital

Measure	Rating	Status
Managing Serious Errors (Never Events)	☆☆☆☆	Fully implemented
Patient Safety Practices Composite Score	☆☆☆	Good progress
Reduce In-Hospital Injuries	☆	Willing to report publicly
Reduce Pressure Ulcers	☆☆☆☆	Fully implemented
Requires Staff to Use Computers	☆☆	Good early stage effort
Use of Intensivists in ICUs	☆	Willing to report publicly
Weight Loss Surgery Treatment	☆☆☆☆	Fully implemented

Caritas St. Elizabeth's Medical Center

Measure by Category	Quality			Cost				
	Rating	Score	Statewide Score	Rating	15th Percentile	Median	85th Percentile	Statewide Median
Bone and Joint Care								
Hip Fracture	++	3.14	2.40	b	--	--	--	\$20,000
Hip Replacement ‡	++++	0 00	0.11	b	--	--	--	\$19,250
Heart Care								
Angioplasty ‡	a	0.40	d	b	--	--	--	\$22,000
Bypass Surgery ‡	a	1 65	d	b	--	--	--	\$43,500
Heart Attack Δ	+++	98%	97%	b	--	--	--	\$12,900
Heart Failure Δ	++	84%	87%	b	--	--	--	\$7,250
Stroke ‡	++	13.83	10 26	b	--	--	--	\$12,500
Obstetrics								
Cesarean Section	--	--	--	\$\$\$	\$5,800	\$6,900	\$8,200	\$5,750
Normal Newborn	--	--	--	\$\$\$	\$1,400	\$1,400	\$1,500	\$1,200
Vaginal Delivery	--	--	--	\$\$\$	\$3,800	\$4,400	\$7,000	\$3,700
Outpatient Diagnostic Procedure								
CT Scan of Abdomen w Contrast	--	--	--	\$	\$125	\$400	\$450	\$525
CT Scan of Abdomen w/o Contrast	--	--	--	\$	\$125	\$275	\$375	\$350
CT Scan of Chest w Contrast	--	--	--	\$	\$250	\$400	\$500	\$525
CT Scan of Chest w/o Contrast	--	--	--	\$	\$250	\$300	\$400	\$425
CT Scan of Head w/o Contrast	--	--	--	\$	\$250	\$250	\$325	\$350
Doppler Echocardiography	--	--	--	\$\$\$	\$200	\$200	\$275	\$200
Echocardiography w Image Documentation	--	--	--	b	--	--	--	\$350
Mammogram Screening	--	--	--	\$	\$75	\$75	\$150	\$100
MRI of Brain w/o contrast	--	--	--	\$	\$525	\$525	\$600	\$825
MRI of Joint of Lower Extremity	--	--	--	b	--	--	--	\$750
MRI of Lumbar Spine w/o contrast	--	--	--	\$	\$525	\$550	\$600	\$775
Myocardial Perfusion Imaging	--	--	--	\$\$\$	\$575	\$800	\$1,200	\$825
Ultrasound (1st Trimester)	--	--	--	\$	\$75	\$125	\$125	\$150
Ultrasound (After 1st Trimester)	--	--	--	\$	\$125	\$175	\$200	\$225
X-Ray of Chest	--	--	--	\$	\$70	\$70	\$80	\$90
Respiratory								
Pneumonia Δ	++	87%	91%	b	--	--	--	\$5,700
How Patients Rate the Hospital Overall Δ								
	+++	69%	64%					

Note: Unless otherwise noted, the service was provided in an inpatient setting.

‡ Outcome/ mortality measure - quality score indicates mortality rate for this measure for this hospital

Δ Process measure - measures whether the hospital did what it was supposed to do in treating a patient and quality score indicates how the hospital compares to other hospitals

-- No measure available

a Insufficient data to support a ranking for this hospital on this quality measure

b Insufficient data to support a ranking for this hospital on this cost measure

c Cost not reported for this measure for this hospital

d Statewide rates not reported for this hospital

Leapfrog Quality Ratings for Caritas St. Elizabeth's Medical Center

Measure	Rating	Status
Aortic Valve Replacement High Risk Treatment	☆	Willing to report publicly
Managing Serious Errors (Never Events)	☆☆☆☆	Fully implemented
Patient Safety Practices Composite Score	☆☆☆	Good progress
Reduce In-Hospital Injuries	☆☆☆	Good progress
Reduce Pressure Ulcers	☆☆☆☆	Fully implemented
Requires Staff to Use Computers	☆☆	Good early stage effort
Use of Intensivists in ICUs	☆	Willing to report publicly
Weight Loss Surgery Treatment	☆☆	Good early stage effort

Children's Hospital Boston

Measure by Category	Quality			Cost				
	Rating	Score	Statewide Score	Rating	15th Percentile	Median	85th Percentile	Statewide Median
Bone and Joint Care								
Hip Fracture	--	--	2.40	b	--	--	--	\$20,000
Hip Replacement ‡	--	--	0.11	b	--	--	--	\$19,250
Stroke ‡	--	--	10.26	b	--	--	--	\$12,500
Obstetrics								
Normal Newborn	--	--	--	b	--	--	--	\$1,200
Outpatient Diagnostic Procedure								
CT Scan of Abdomen w Contrast	--	--	--	\$\$\$\$	\$850	\$1,300	\$1,300	\$525
CT Scan of Abdomen w/o Contrast	--	--	--	\$\$\$\$	\$1,050	\$1,100	\$1,100	\$350
CT Scan of Chest w Contrast	--	--	--	\$\$\$\$	\$1,250	\$1,325	\$1,400	\$525
CT Scan of Chest w/o Contrast	--	--	--	\$\$\$\$	\$1,100	\$1,150	\$1,200	\$425
CT Scan of Head w/o Contrast	--	--	--	\$\$\$\$	\$650	\$700	\$725	\$350
Doppler Echocardiography	--	--	--	\$\$\$	\$225	\$225	\$250	\$200
Echocardiography w Image Documentation	--	--	--	\$\$\$	\$400	\$425	\$450	\$350
MRI of Brain w/o contrast	--	--	--	\$\$\$\$	\$1,375	\$1,450	\$1,525	\$825
MRI of Joint of Lower Extremity	--	--	--	\$\$\$\$	\$1,450	\$1,450	\$1,900	\$750
MRI of Lumbar Spine w/o contrast	--	--	--	\$\$\$\$	\$1,450	\$1,550	\$1,625	\$775
X-Ray of Chest	--	--	--	\$\$\$\$	\$170	\$190	\$200	\$90
How Patients Rate the Hospital Overall Δ								
	--	--	64%					

Note: Unless otherwise noted, the service was provided in an inpatient setting.

‡ Outcome/ mortality measure - quality score indicates mortality rate for this measure for this hospital

Δ Process measure - measures whether the hospital did what it was supposed to do in treating a patient and quality score indicates how the hospital compares to other hospitals

-- No measure available

a Insufficient data to support a ranking for this hospital on this quality measure

b Insufficient data to support a ranking for this hospital on this cost measure

c Cost not reported for this measure for this hospital

d Statewide rates not reported for this hospital

Leapfrog Quality Ratings for Children's Hospital Boston

Measure	Rating	Status
Managing Serious Errors (Never Events)	☆☆☆	Fully implemented
Patient Safety Practices Composite Score	☆☆	Good progress
Requires Staff to Use Computers	☆☆☆	Fully implemented
Use of Intensivists in ICUs	☆☆☆	Fully implemented

Clinton Hospital

Measure by Category	Quality			Cost				
	Rating	Score	Statewide Score	Rating	15th Percentile	Median	85th Percentile	Statewide Median
Bone and Joint Care								
Hip Fracture	--	--	2.40	b	--	--	--	\$20,000
Hip Replacement ‡	--	--	0.11	b	--	--	--	\$19,250
Heart Care								
Heart Attack Δ	--	100%	97%	b	--	--	--	\$12,900
Heart Failure Δ	+++	94%	87%	b	--	--	--	\$7,250
Stroke ‡	--	--	10.26	b	--	--	--	\$12,500
Outpatient Diagnostic Procedure								
CT Scan of Abdomen w Contrast	--	--	--	\$	\$250	\$450	\$625	\$525
CT Scan of Abdomen w/o Contrast	--	--	--	\$	\$250	\$300	\$525	\$350
CT Scan of Head w/o Contrast	--	--	--	\$	\$275	\$275	\$425	\$350
Doppler Echocardiography	--	--	--	\$	\$200	\$200	\$275	\$200
Echocardiography w Image Documentation	--	--	--	\$	\$300	\$325	\$350	\$350
Mammogram Screening	--	--	--	\$	\$100	\$100	\$175	\$100
MRI of Joint of Lower Extremity	--	--	--	\$	\$525	\$525	\$1,075	\$750
Myocardial Perfusion Imaging	--	--	--	\$	\$625	\$775	\$1,075	\$825
X-Ray of Chest	--	--	--	\$	\$60	\$80	\$80	\$90
Respiratory								
Pneumonia Δ	++	90%	91%	b	--	--	--	\$5,700
How Patients Rate the Hospital Overall Δ								
	--	--	64%					

Note: Unless otherwise noted, the service was provided in an inpatient setting.

‡ Outcome/ mortality measure - quality score indicates mortality rate for this measure for this hospital

Δ Process measure - measures whether the hospital did what it was supposed to do in treating a patient and quality score indicates how the hospital compares to other hospitals

-- No measure available

a Insufficient data to support a ranking for this hospital on this quality measure

b Insufficient data to support a ranking for this hospital on this cost measure

c Cost not reported for this measure for this hospital

d Statewide rates not reported for this hospital

Leapfrog Quality Ratings for Clinton Hospital

Measure	Rating	Status
No ratings for this hospital		

Cooley Dickinson Hospital

Measure by Category	Quality			Cost				
	Rating	Score	Statewide Score	Rating	15th Percentile	Median	85th Percentile	Statewide Median
Bone and Joint Care								
Hip Fracture	+	4 34	2.40	b	--	--	--	\$20,000
Hip Replacement ‡	+	0 62	0.11	b	--	--	--	\$19,250
Heart Care								
Heart Attack Δ	+++	97%	97%	b	--	--	--	\$12,900
Heart Failure Δ	++	86%	87%	b	--	--	--	\$7,250
Stroke ‡	++	12.25	10.26	b	--	--	--	\$12,500
Obstetrics								
Cesarean Section	--	--	--	\$\$\$\$	\$6,800	\$7,200	\$8,700	\$5,750
Normal Newborn	--	--	--	\$\$\$\$	\$1,400	\$1,500	\$2,500	\$1,200
Vaginal Delivery	--	--	--	\$\$\$\$	\$4,100	\$4,500	\$5,900	\$3,700
Outpatient Diagnostic Procedure								
CT Scan of Abdomen w Contrast	--	--	--	\$\$\$\$	\$575	\$900	\$925	\$525
CT Scan of Abdomen w/o Contrast	--	--	--	\$\$\$	\$475	\$575	\$750	\$350
CT Scan of Chest w Contrast	--	--	--	\$\$\$\$	\$600	\$850	\$950	\$525
CT Scan of Chest w/o Contrast	--	--	--	\$\$\$\$	\$525	\$675	\$750	\$425
CT Scan of Head w/o Contrast	--	--	--	\$\$\$\$	\$575	\$575	\$650	\$350
Doppler Echocardiography	--	--	--	\$\$\$\$	\$225	\$300	\$400	\$200
Echocardiography w Image Documentation	--	--	--	\$\$\$\$	\$375	\$475	\$525	\$350
Mammogram Screening	--	--	--	\$\$\$\$	\$200	\$200	\$200	\$100
MRI of Brain w/o contrast	--	--	--	\$\$\$\$	\$750	\$1,150	\$1,475	\$825
MRI of Joint of Lower Extremity	--	--	--	\$\$\$	\$750	\$1,000	\$1,475	\$750
MRI of Lumbar Spine w/o contrast	--	--	--	\$\$\$	\$750	\$1,125	\$1,575	\$775
Myocardial Perfusion Imaging	--	--	--	\$\$\$\$	\$1,250	\$1,750	\$1,875	\$825
X-Ray of Chest	--	--	--	\$\$\$\$	\$150	\$160	\$200	\$90
Outpatient Radiation								
Radiation Treatment: 3 or More Areas (6-10 MeV)	--	--	--	\$\$\$\$	\$300	\$425	\$500	\$275
Radiation Treatment: 3 or More Areas (11-19 MeV)	--	--	--	\$\$\$\$	\$400	\$450	\$475	\$275
Radiation Treatment: Intensity Modulated (Per Session)	--	--	--	\$	\$300	\$400	\$500	\$1,200
Respiratory								
Pneumonia Δ	++++	97%	91%	b	--	--	--	\$5,700
How Patients Rate the Hospital Overall Δ								
	+++	68%	64%					

Note: Unless otherwise noted, the service was provided in an inpatient setting.

‡ Outcome/ mortality measure - quality score indicates mortality rate for this measure for this hospital

Δ Process measure - measures whether the hospital did what it was supposed to do in treating a patient and quality score indicates how the hospital compares to other hospitals

-- No measure available

a Insufficient data to support a ranking for this hospital on this quality measure

b Insufficient data to support a ranking for this hospital on this cost measure

c Cost not reported for this measure for this hospital

d Statewide rates not reported for this hospital

Leapfrog Quality Ratings for Cooley Dickinson Hospital

Measure	Rating	Status
Managing Serious Errors (Never Events)	☆☆☆☆	Fully implemented
Patient Safety Practices Composite Score	☆☆☆	Good progress
Reduce In-Hospital Injuries	☆☆	Good early stage effort
Reduce Pressure Ulcers	☆☆☆☆	Fully implemented
Requires Staff to Use Computers	☆☆☆	Good progress
Use of Intensivists in ICUs	☆☆☆☆	Fully implemented

Dana-Farber Cancer Institute

Measure by Category	Quality			Cost				
	Rating	Score	Statewide Score	Rating	15th Percentile	Median	85th Percentile	Statewide Median
Bone and Joint Care								
Hip Fracture	--	--	2.40	b	--	--	--	\$20,000
Hip Replacement ‡	--	--	0.11	b	--	--	--	\$19,250
Heart Care								
Heart Attack Δ	--	--	97%	b	--	--	--	\$12,900
Heart Failure Δ	--	--	87%	b	--	--	--	\$7,250
Stroke ‡	--	--	10.26	b	--	--	--	\$12,500
Outpatient Diagnostic Procedure								
CT Scan of Abdomen w Contrast	--	--	--	\$	\$125	\$400	\$450	\$525
CT Scan of Abdomen w/o Contrast	--	--	--	\$\$\$	\$125	\$375	\$400	\$350
CT Scan of Chest w Contrast	--	--	--	\$	\$250	\$400	\$450	\$525
CT Scan of Chest w/o Contrast	--	--	--	\$\$	\$250	\$375	\$400	\$425
Mammogram Screening	--	--	--	\$	\$50	\$75	\$100	\$100
X-Ray of Chest	--	--	--	\$	\$50	\$70	\$80	\$90
Outpatient Radiation								
Radiation Treatment: 3 or More Areas (6-10 MeV)	--	--	--	\$\$\$	\$150	\$300	\$325	\$275
Radiation Treatment: Intensity Modulated (Per Session)	--	--	--	\$\$	\$400	\$600	\$1,200	\$1,200
Respiratory								
Pneumonia Δ	++	87%	91%	b	--	--	--	\$5,700
How Patients Rate the Hospital Overall Δ								
	--	--	64%					

Note: Unless otherwise noted, the service was provided in an inpatient setting.

‡ Outcome/ mortality measure - quality score indicates mortality rate for this measure for this hospital

Δ Process measure - measures whether the hospital did what it was supposed to do in treating a patient and quality score indicates how the hospital compares to other hospitals

-- No measure available

a Insufficient data to support a ranking for this hospital on this quality measure

b Insufficient data to support a ranking for this hospital on this cost measure

c Cost not reported for this measure for this hospital

d Statewide rates not reported for this hospital

Leapfrog Quality Ratings for Dana-Farber Cancer Institute

Measure	Rating	Status
Managing Serious Errors (Never Events)	☆☆☆	Fully implemented
Patient Safety Practices Composite Score	☆☆☆	Good progress
Reduce In-Hospital Injuries	☆☆☆	Fully implemented
Reduce Pressure Ulcers	☆☆☆	Fully implemented
Requires Staff to Use Computers	☆☆	Good early stage effort

Emerson Hospital

Measure by Category	Quality			Cost				
	Rating	Score	Statewide Score	Rating	15th Percentile	Median	85th Percentile	Statewide Median
Bone and Joint Care								
Hip Fracture	++	3.19	2.40	b	--	--	--	\$20,000
Hip Replacement ‡	++++	0.00	0.11	b	--	--	--	\$19,250
Digestive System								
Gall Bladder	--	--	--	\$\$	\$3,900	\$7,400	\$9,300	\$8,000
Weight Loss Surgery	--	--	--	\$\$	\$4,500	\$11,500	\$11,500	\$13,000
Heart Care								
Heart Attack Δ	+	92%	97%	b	--	--	--	\$12,900
Heart Failure Δ	++++	95%	87%	b	--	--	--	\$7,250
Stroke ‡	++	11.87	10.26	b	--	--	--	\$12,500
Obstetrics								
Cesarean Section	--	--	--	\$\$	\$4,500	\$5,400	\$6,500	\$5,750
Normal Newborn	--	--	--	\$\$	\$1,000	\$1,100	\$1,200	\$1,200
Vaginal Delivery	--	--	--	\$\$	\$3,100	\$3,400	\$4,800	\$3,700
Outpatient Diagnostic Procedure								
CT Scan of Abdomen w Contrast	--	--	--	\$\$\$	\$175	\$575	\$650	\$525
CT Scan of Abdomen w/o Contrast	--	--	--	\$\$\$	\$200	\$375	\$425	\$350
CT Scan of Chest w Contrast	--	--	--	\$\$\$	\$350	\$550	\$625	\$525
CT Scan of Chest w/o Contrast	--	--	--	\$\$\$	\$425	\$450	\$500	\$425
CT Scan of Head w/o Contrast	--	--	--	\$\$\$	\$350	\$375	\$425	\$350
Mammogram Screening	--	--	--	\$\$	\$50	\$100	\$100	\$100
MRI of Brain w/o contrast	--	--	--	\$\$\$	\$725	\$775	\$950	\$825
MRI of Joint of Lower Extremity	--	--	--	\$\$\$	\$650	\$750	\$950	\$750
MRI of Lumbar Spine w/o contrast	--	--	--	\$\$\$	\$725	\$825	\$1,025	\$775
Myocardial Perfusion Imaging	--	--	--	\$\$\$	\$800	\$825	\$1,150	\$825
Ultrasound (1st Trimester)	--	--	--	\$\$	\$75	\$125	\$175	\$150
Ultrasound (After 1st Trimester)	--	--	--	\$\$	\$125	\$200	\$250	\$225
X-Ray of Chest	--	--	--	\$\$\$	\$60	\$100	\$120	\$90
Respiratory								
Pneumonia Δ	++	91%	91%	b	--	--	--	\$5,700
How Patients Rate the Hospital Overall Δ								
	+++	66%	64%					

Note: Unless otherwise noted, the service was provided in an inpatient setting.

‡ Outcome/ mortality measure - quality score indicates mortality rate for this measure for this hospital

Δ Process measure - measures whether the hospital did what it was supposed to do in treating a patient and quality score indicates how the hospital compares to other hospitals

-- No measure available

a Insufficient data to support a ranking for this hospital on this quality measure

b Insufficient data to support a ranking for this hospital on this cost measure

c Cost not reported for this measure for this hospital

d Statewide rates not reported for this hospital

Leapfrog Quality Ratings for Emerson Hospital

Measure	Rating	Status
Managing Serious Errors (Never Events)	☆	Willing to report publicly
Patient Safety Practices Composite Score	☆	Willing to report publicly
Requires Staff to Use Computers	☆☆☆	Good progress
Use of Intensivists in ICUs	☆	Willing to report publicly
Weight Loss Surgery Treatment	☆	Willing to report publicly

Fairview Hospital

Measure by Category	Quality			Cost				
	Rating	Score	Statewide Score	Rating	15th Percentile	Median	85th Percentile	Statewide Median
Bone and Joint Care								
Hip Fracture	--	--	2.40	b	--	--	--	\$20,000
Hip Replacement ‡	--	--	0.11	b	--	--	--	\$19,250
Heart Care								
Heart Attack Δ	--	89%	97%	b	--	--	--	\$12,900
Heart Failure Δ	--	96%	87%	b	--	--	--	\$7,250
Stroke ‡	--	--	10.26	b	--	--	--	\$12,500
Obstetrics								
Normal Newborn	--	--	--	\$\$\$	\$1,300	\$1,400	\$2,100	\$1,200
Vaginal Delivery	--	--	--	\$\$\$\$	\$3,500	\$4,500	\$5,400	\$3,700
Outpatient Diagnostic Procedure								
CT Scan of Abdomen w Contrast	--	--	--	\$\$\$	\$750	\$750	\$800	\$525
CT Scan of Abdomen w/o Contrast	--	--	--	\$\$\$	\$500	\$550	\$550	\$350
CT Scan of Chest w Contrast	--	--	--	\$\$\$\$	\$750	\$800	\$1,000	\$525
CT Scan of Chest w/o Contrast	--	--	--	\$\$\$\$	\$650	\$700	\$875	\$425
CT Scan of Head w/o Contrast	--	--	--	\$\$\$	\$500	\$550	\$650	\$350
Doppler Echocardiography	--	--	--	\$\$\$	\$225	\$250	\$300	\$200
Echocardiography w Image Documentation	--	--	--	\$	\$275	\$275	\$350	\$350
Mammogram Screening	--	--	--	\$	\$75	\$75	\$100	\$100
Myocardial Perfusion Imaging	--	--	--	\$\$\$\$	\$1,000	\$1,075	\$1,075	\$825
Ultrasound (1st Trimester)	--	--	--	\$\$\$\$	\$325	\$350	\$450	\$150
Ultrasound (After 1st Trimester)	--	--	--	\$\$\$	\$250	\$275	\$325	\$225
X-Ray of Chest	--	--	--	\$\$\$\$	\$130	\$140	\$170	\$90
Respiratory								
Pneumonia Δ	++++	100%	91%	b	--	--	--	\$5,700
How Patients Rate the Hospital Overall Δ								
	--	--	64%					

Note: Unless otherwise noted, the service was provided in an inpatient setting.

‡ Outcome/ mortality measure - quality score indicates mortality rate for this measure for this hospital

Δ Process measure - measures whether the hospital did what it was supposed to do in treating a patient and quality score indicates how the hospital compares to other hospitals

-- No measure available

a Insufficient data to support a ranking for this hospital on this quality measure

b Insufficient data to support a ranking for this hospital on this cost measure

c Cost not reported for this measure for this hospital

d Statewide rates not reported for this hospital

Leapfrog Quality Ratings for Fairview Hospital

Measure	Rating	Status
Managing Serious Errors (Never Events)	☆☆☆	Fully implemented
Patient Safety Practices Composite Score	☆☆☆	Good progress
Requires Staff to Use Computers	☆☆	Good early stage effort

Falmouth Hospital

Measure by Category	Quality			Cost				
	Rating	Score	Statewide Score	Rating	15th Percentile	Median	85th Percentile	Statewide Median
Bone and Joint Care								
Hip Fracture	++++	0.87	2.40	b	--	--	--	\$20,000
Hip Replacement ‡	++++	0.00	0.11	b	--	--	--	\$19,250
Knee Replacement	--	--	--	\$\$	\$8,000	\$15,000	\$16,500	\$16,000
Heart Care								
Heart Attack Δ	++++	99%	97%	b	--	--	--	\$12,900
Heart Failure Δ	++++	98%	87%	b	--	--	--	\$7,250
Stroke ‡	++++	2.10	10.26	b	--	--	--	\$12,500
Obstetrics								
Cesarean Section	--	--	--	\$\$\$	\$3,800	\$5,900	\$6,500	\$5,750
Normal Newborn	--	--	--	\$\$	\$1,100	\$1,200	\$1,300	\$1,200
Vaginal Delivery	--	--	--	\$\$	\$3,500	\$3,700	\$4,400	\$3,700
Outpatient Diagnostic Procedure								
CT Scan of Abdomen w Contrast	--	--	--	\$\$\$	\$275	\$775	\$800	\$525
CT Scan of Abdomen w/o Contrast	--	--	--	\$\$\$	\$275	\$650	\$700	\$350
CT Scan of Chest w Contrast	--	--	--	\$\$\$	\$550	\$1,100	\$1,100	\$525
CT Scan of Chest w/o Contrast	--	--	--	\$\$\$	\$550	\$1,050	\$1,050	\$425
CT Scan of Head w/o Contrast	--	--	--	\$\$\$	\$550	\$625	\$650	\$350
Doppler Echocardiography	--	--	--	\$	\$125	\$125	\$150	\$200
Echocardiography w Image Documentation	--	--	--	\$\$\$	\$725	\$800	\$800	\$350
Mammogram Screening	--	--	--	\$\$\$	\$75	\$200	\$200	\$100
MRI of Brain w/o contrast	--	--	--	\$\$\$	\$750	\$1,250	\$1,325	\$825
MRI of Joint of Lower Extremity	--	--	--	\$\$\$	\$750	\$1,800	\$1,800	\$750
MRI of Lumbar Spine w/o contrast	--	--	--	\$\$\$	\$750	\$1,675	\$1,800	\$775
Myocardial Perfusion Imaging	--	--	--	\$\$	\$625	\$700	\$875	\$825
Ultrasound (1st Trimester)	--	--	--	\$	\$75	\$100	\$125	\$150
X-Ray of Chest	--	--	--	\$\$\$	\$110	\$180	\$180	\$90
Respiratory								
Pneumonia Δ	++	89%	91%	b	--	--	--	\$5,700
How Patients Rate the Hospital Overall Δ								
	++++	72%	64%					

Note: Unless otherwise noted, the service was provided in an inpatient setting.

‡ Outcome/ mortality measure - quality score indicates mortality rate for this measure for this hospital

Δ Process measure - measures whether the hospital did what it was supposed to do in treating a patient and quality score indicates how the hospital compares to other hospitals

-- No measure available

a Insufficient data to support a ranking for this hospital on this quality measure

b Insufficient data to support a ranking for this hospital on this cost measure

c Cost not reported for this measure for this hospital

d Statewide rates not reported for this hospital

Leapfrog Quality Ratings for Falmouth Hospital

Measure	Rating	Status
Managing Serious Errors (Never Events)	☆☆☆☆	Fully implemented
Patient Safety Practices Composite Score	☆☆☆☆	Fully implemented
Reduce In-Hospital Injuries	☆☆	Good early stage effort
Reduce Pressure Ulcers	☆☆☆	Good progress
Requires Staff to Use Computers	☆☆	Good early stage effort
Use of Intensivists in ICUs	☆☆☆☆	Fully implemented

Faulkner Hospital

Measure by Category	Quality			Cost				
	Rating	Score	Statewide Score	Rating	15th Percentile	Median	85th Percentile	Statewide Median
Bone and Joint Care								
Hip Fracture	+	5.40	2.40	b	--	--	--	\$20,000
Hip Replacement ‡	++++	0.00	0.11	b	--	--	--	\$19,250
Knee Replacement	--	--	--	\$\$\$	\$16,500	\$18,000	\$23,000	\$16,000
Digestive System								
Intestinal Surgery	--	--	--	\$\$\$	\$11,500	\$16,000	\$48,500	\$14,750
Weight Loss Surgery	--	--	--	\$	\$7,500	\$12,000	\$14,000	\$13,000
Heart Care								
Heart Attack Δ	++++	99%	97%	b	--	--	--	\$12,900
Heart Failure Δ	+++	94%	87%	b	--	--	--	\$7,250
Stroke ‡	++++	4.48	10.26	b	--	--	--	\$12,500
Outpatient Diagnostic Procedure								
CT Scan of Abdomen w Contrast	--	--	--	\$\$\$	\$225	\$600	\$675	\$525
CT Scan of Abdomen w/o Contrast	--	--	--	\$\$\$	\$225	\$450	\$500	\$350
CT Scan of Chest w Contrast	--	--	--	\$\$\$	\$450	\$600	\$650	\$525
CT Scan of Chest w/o Contrast	--	--	--	\$\$\$	\$400	\$500	\$525	\$425
CT Scan of Head w/o Contrast	--	--	--	\$\$\$	\$400	\$425	\$475	\$350
Doppler Echocardiography	--	--	--	\$\$\$	\$200	\$200	\$275	\$200
Echocardiography w Image Documentation	--	--	--	\$\$\$	\$350	\$350	\$750	\$350
Mammogram Screening	--	--	--	\$\$\$\$	\$150	\$150	\$250	\$100
MRI of Brain w/o contrast	--	--	--	\$\$\$	\$850	\$875	\$1,050	\$825
MRI of Joint of Lower Extremity	--	--	--	\$\$\$	\$750	\$775	\$1,100	\$750
MRI of Lumbar Spine w/o contrast	--	--	--	\$\$\$	\$850	\$850	\$1,075	\$775
Myocardial Perfusion Imaging	--	--	--	\$\$\$	\$950	\$950	\$1,650	\$825
Ultrasound (1st Trimester)	--	--	--	\$	\$75	\$100	\$200	\$150
X-Ray of Chest	--	--	--	\$\$\$	\$90	\$120	\$120	\$90
Respiratory								
Pneumonia Δ	+	84%	91%	\$\$\$\$	\$3,700	\$7,100	\$9,500	\$5,700
How Patients Rate the Hospital Overall Δ								
	+++	68%	64%					

Note: Unless otherwise noted, the service was provided in an inpatient setting.

‡ Outcome/ mortality measure - quality score indicates mortality rate for this measure for this hospital

Δ Process measure - measures whether the hospital did what it was supposed to do in treating a patient and quality score indicates how the hospital compares to other hospitals

-- No measure available

a Insufficient data to support a ranking for this hospital on this quality measure

b Insufficient data to support a ranking for this hospital on this cost measure

c Cost not reported for this measure for this hospital

d Statewide rates not reported for this hospital

Leapfrog Quality Ratings for Faulkner Hospital

Measure	Rating	Status
Managing Serious Errors (Never Events)	☆☆☆☆	Fully implemented
Patient Safety Practices Composite Score	☆☆☆☆	Fully implemented
Reduce In-Hospital Injuries	☆☆☆☆	Fully implemented
Reduce Pressure Ulcers	☆☆☆☆	Fully implemented
Requires Staff to Use Computers	☆☆☆☆	Fully implemented
Use of Intensivists in ICUs	☆	Willing to report publicly
Weight Loss Surgery Treatment	☆☆☆	Good progress

Hallmark Health - Lawrence Memorial

Measure by Category	Quality			Cost				
	Rating	Score	Statewide Score	Rating	15th Percentile	Median	85th Percentile	Statewide Median
Bone and Joint Care								
Hip Fracture	++++	1 25	2.40	b	--	--	--	\$20,000
Hip Replacement ‡	--	--	0.11	b	--	--	--	\$19,250
Digestive System								
Gall Bladder	--	--	--	b	\$3,000	\$6,900	\$10,600	\$8,000
Weight Loss Surgery	--	--	--	b	\$8,000	\$11,000	\$14,000	\$13,000
Heart Care								
Heart Attack Δ	++	95%	97%	b	--	--	--	\$12,900
Heart Failure Δ	+++	94%	87%	b	--	--	--	\$7,250
Stroke ‡	+++	8 07	10 26	b	--	--	--	\$12,500
Obstetrics								
Cesarean Section	--	--	--	b	--	--	--	\$5,750
Normal Newborn	--	--	--	b	--	--	--	\$1,200
Vaginal Delivery	--	--	--	b	--	--	--	\$3,700
Outpatient Diagnostic Procedure								
CT Scan of Abdomen w Contrast	--	--	--	\$\$\$	\$250	\$575	\$575	\$525
CT Scan of Abdomen w/o Contrast	--	--	--	\$\$\$	\$200	\$475	\$475	\$350
CT Scan of Chest w Contrast	--	--	--	\$\$\$	\$450	\$525	\$575	\$525
CT Scan of Chest w/o Contrast	--	--	--	\$\$\$	\$375	\$425	\$475	\$425
CT Scan of Head w/o Contrast	--	--	--	\$\$\$	\$325	\$350	\$400	\$350
Doppler Echocardiography	--	--	--	\$\$\$	\$175	\$250	\$275	\$200
Echocardiography w Image Documentation	--	--	--	\$\$\$	\$325	\$375	\$450	\$350
Mammogram Screening	--	--	--	\$\$\$	\$100	\$125	\$125	\$100
MRI of Brain w/o contrast	--	--	--	\$	\$650	\$700	\$775	\$825
MRI of Joint of Lower Extremity	--	--	--	\$	\$575	\$625	\$775	\$750
MRI of Lumbar Spine w/o contrast	--	--	--	\$	\$625	\$700	\$775	\$775
Myocardial Perfusion Imaging	--	--	--	\$\$\$	\$725	\$775	\$975	\$825
Ultrasound (1st Trimester)	--	--	--	\$\$\$	\$100	\$150	\$175	\$150
Ultrasound (After 1st Trimester)	--	--	--	\$\$\$	\$175	\$225	\$250	\$225
X-Ray of Chest	--	--	--	\$	\$50	\$90	\$100	\$90
Outpatient Radiation								
Radiation Treatment: 3 or More Areas (6-10 MeV)	--	--	--	\$\$\$	\$250	\$300	\$325	\$275
Radiation Treatment: 3 or More Areas (11-19 MeV)	--	--	--	\$\$\$	\$150	\$250	\$300	\$275
Radiation Treatment: Intensity Modulated (Per Session)	--	--	--	\$\$\$	\$1,100	\$1,300	\$2,000	\$1,200
Respiratory								
Pneumonia Δ	+++	92%	91%	b	\$3,200	\$5,400	\$8,900	\$5,700
How Patients Rate the Hospital Overall Δ								
	+	58%	64%					

Note: Unless otherwise noted, the service was provided in an inpatient setting.

‡ Outcome/ mortality measure - quality score indicates mortality rate for this measure for this hospital

Δ Process measure - measures whether the hospital did what it was supposed to do in treating a patient and quality score indicates how the hospital compares to other hospitals

-- No measure available

a Insufficient data to support a ranking for this hospital on this quality measure

b Insufficient data to support a ranking for this hospital on this cost measure

c Cost not reported for this measure for this hospital

d Statewide rates not reported for this hospital

Leapfrog Quality Ratings for Hallmark Health - Lawrence Memorial

Measure	Rating	Status
Managing Serious Errors (Never Events)	☆	Willing to report publicly
Patient Safety Practices Composite Score	☆	Willing to report publicly
Requires Staff to Use Computers	☆☆	Good early stage effort
Use of Intensivists in ICUs	☆	Willing to report publicly
Weight Loss Surgery Treatment	☆☆☆	Good progress

Hallmark Health - Melrose-Wakefield

Measure by Category	Quality			Cost				
	Rating	Score	Statewide Score	Rating	15th Percentile	Median	85th Percentile	Statewide Median
Bone and Joint Care								
Hip Fracture	++	3 07	2.40	b	--	--	--	\$20,000
Hip Replacement ‡	++++	0 00	0.11	b	--	--	--	\$19,250
Digestive System								
Gall Bladder	--	--	--	b	\$3,000	\$6,900	\$10,600	\$8,000
Weight Loss Surgery	--	--	--	b	--	--	--	\$13,000
Heart Care								
Heart Attack Δ	++	95%	97%	b	--	--	--	\$12,900
Heart Failure Δ	+++	94%	87%	b	--	--	--	\$7,250
Stroke ‡	+	15.68	10 26	b	--	--	--	\$12,500
Obstetrics								
Cesarean Section	--	--	--	b	\$4,800	\$6,100	\$7,700	\$5,750
Normal Newborn	--	--	--	b	\$900	\$1,200	\$1,200	\$1,200
Vaginal Delivery	--	--	--	b	\$3,200	\$4,000	\$5,000	\$3,700
Outpatient Diagnostic Procedure								
CT Scan of Abdomen w Contrast	--	--	--	\$\$\$	\$250	\$575	\$575	\$525
CT Scan of Abdomen w/o Contrast	--	--	--	\$\$\$	\$200	\$475	\$475	\$350
CT Scan of Chest w Contrast	--	--	--	\$\$\$	\$450	\$525	\$575	\$525
CT Scan of Chest w/o Contrast	--	--	--	\$\$\$	\$375	\$425	\$475	\$425
CT Scan of Head w/o Contrast	--	--	--	\$\$\$	\$325	\$350	\$400	\$350
Doppler Echocardiography	--	--	--	\$\$\$	\$175	\$250	\$275	\$200
Echocardiography w Image Documentation	--	--	--	\$\$\$	\$325	\$375	\$450	\$350
Mammogram Screening	--	--	--	\$\$\$	\$100	\$125	\$125	\$100
MRI of Brain w/o contrast	--	--	--	\$	\$650	\$700	\$775	\$825
MRI of Joint of Lower Extremity	--	--	--	\$	\$575	\$625	\$775	\$750
MRI of Lumbar Spine w/o contrast	--	--	--	\$	\$625	\$700	\$775	\$775
Myocardial Perfusion Imaging	--	--	--	\$\$\$	\$725	\$775	\$975	\$825
Ultrasound (1st Trimester)	--	--	--	\$\$\$	\$100	\$150	\$175	\$150
Ultrasound (After 1st Trimester)	--	--	--	\$\$\$	\$175	\$225	\$250	\$225
X-Ray of Chest	--	--	--	\$	\$50	\$90	\$100	\$90
Outpatient Radiation								
Radiation Treatment: 3 or More Areas (6-10 MeV)	--	--	--	\$\$\$	\$250	\$300	\$325	\$275
Radiation Treatment: 3 or More Areas (11-19 MeV)	--	--	--	\$\$\$	\$150	\$250	\$300	\$275
Radiation Treatment: Intensity Modulated (Per Session)	--	--	--	\$\$\$	\$1,100	\$1,300	\$2,000	\$1,200
Respiratory								
Pneumonia Δ	+++	92%	91%	b	\$3,200	\$5,400	\$8,900	\$5,700
How Patients Rate the Hospital Overall Δ								
	+	58%	64%					

Note: Unless otherwise noted, the service was provided in an inpatient setting.

‡ Outcome/ mortality measure - quality score indicates mortality rate for this measure for this hospital

Δ Process measure - measures whether the hospital did what it was supposed to do in treating a patient and quality score indicates how the hospital compares to other hospitals

-- No measure available

a Insufficient data to support a ranking for this hospital on this quality measure

b Insufficient data to support a ranking for this hospital on this cost measure

c Cost not reported for this measure for this hospital

d Statewide rates not reported for this hospital

Leapfrog Quality Ratings for Hallmark Health - Melrose-Wakefield

Measure	Rating	Status
Managing Serious Errors (Never Events)	☆	Willing to report publicly
Patient Safety Practices Composite Score	☆	Willing to report publicly
Requires Staff to Use Computers	☆☆	Good early stage effort
Use of Intensivists in ICUs	☆	Willing to report publicly

Harrington Memorial Hospital

Measure by Category	Quality			Cost				
	Rating	Score	Statewide Score	Rating	15th Percentile	Median	85th Percentile	Statewide Median
Bone and Joint Care								
Hip Fracture	--	--	2.40	b	--	--	--	\$20,000
Hip Replacement ‡	--	--	0.11	b	--	--	--	\$19,250
Heart Care								
Heart Attack Δ	--	86%	97%	b	--	--	--	\$12,900
Heart Failure Δ	++	81%	87%	b	--	--	--	\$7,250
Stroke ‡	--	--	10.26	b	--	--	--	\$12,500
Obstetrics								
Cesarean Section	--	--	--	\$\$\$	\$5,000	\$5,800	\$7,100	\$5,750
Normal Newborn	--	--	--	\$	\$1,200	\$1,200	\$1,400	\$1,200
Vaginal Delivery	--	--	--	\$	\$3,300	\$3,700	\$4,600	\$3,700
Outpatient Diagnostic Procedure								
CT Scan of Abdomen w Contrast	--	--	--	\$\$\$\$	\$700	\$800	\$875	\$525
CT Scan of Abdomen w/o Contrast	--	--	--	\$\$\$	\$500	\$550	\$775	\$350
CT Scan of Chest w Contrast	--	--	--	\$\$\$	\$725	\$750	\$875	\$525
CT Scan of Head w/o Contrast	--	--	--	\$\$\$	\$475	\$550	\$750	\$350
Doppler Echocardiography	--	--	--	\$\$\$	\$225	\$225	\$300	\$200
Echocardiography w Image Documentation	--	--	--	\$\$\$	\$375	\$375	\$400	\$350
Mammogram Screening	--	--	--	\$\$\$\$	\$175	\$175	\$225	\$100
MRI of Joint of Lower Extremity	--	--	--	\$\$\$	\$875	\$900	\$1,375	\$750
MRI of Lumbar Spine w/o contrast	--	--	--	\$\$\$	\$975	\$1,000	\$1,275	\$775
Myocardial Perfusion Imaging	--	--	--	\$\$\$\$	\$1,100	\$1,100	\$1,550	\$825
X-Ray of Chest	--	--	--	\$\$\$\$	\$110	\$140	\$150	\$90
Respiratory								
Pneumonia Δ	++	90%	91%	b	--	--	--	\$5,700
How Patients Rate the Hospital Overall Δ								
	--	--	64%					

Note: Unless otherwise noted, the service was provided in an inpatient setting.

‡ Outcome/ mortality measure - quality score indicates mortality rate for this measure for this hospital

Δ Process measure - measures whether the hospital did what it was supposed to do in treating a patient and quality score indicates how the hospital compares to other hospitals

-- No measure available

a Insufficient data to support a ranking for this hospital on this quality measure

b Insufficient data to support a ranking for this hospital on this cost measure

c Cost not reported for this measure for this hospital

d Statewide rates not reported for this hospital

Leapfrog Quality Ratings for Harrington Memorial Hospital

Measure

No ratings for this hospital

Health Alliance Hospital

Measure by Category	Quality			Cost				
	Rating	Score	Statewide Score	Rating	15th Percentile	Median	85th Percentile	Statewide Median
Bone and Joint Care								
Hip Fracture	++++	0 00	2.40	b	--	--	--	\$20,000
Hip Replacement ‡	++++	0 00	0.11	b	--	--	--	\$19,250
Knee Replacement	--	--	--	\$	\$6,000	\$13,500	\$14,000	\$16,000
Heart Care								
Heart Attack Δ	+++	97%	97%	b	--	--	--	\$12,900
Heart Failure Δ	+++	94%	87%	b	--	--	--	\$7,250
Stroke ‡	++	10.48	10 26	b	--	--	--	\$12,500
Obstetrics								
Cesarean Section	--	--	--	\$	\$4,200	\$5,200	\$6,200	\$5,750
Normal Newborn	--	--	--	\$	\$1,000	\$1,100	\$1,500	\$1,200
Vaginal Delivery	--	--	--	\$	\$2,200	\$3,300	\$4,100	\$3,700
Outpatient Diagnostic Procedure								
CT Scan of Abdomen w Contrast	--	--	--	\$	\$175	\$400	\$1,100	\$525
CT Scan of Abdomen w/o Contrast	--	--	--	\$	\$125	\$250	\$925	\$350
CT Scan of Chest w Contrast	--	--	--	\$	\$325	\$375	\$1,100	\$525
CT Scan of Chest w/o Contrast	--	--	--	\$	\$300	\$300	\$425	\$425
CT Scan of Head w/o Contrast	--	--	--	\$	\$250	\$250	\$1,025	\$350
Mammogram Screening	--	--	--	\$	\$75	\$75	\$100	\$100
Myocardial Perfusion Imaging	--	--	--	\$	\$550	\$575	\$1,725	\$825
Ultrasound (1st Trimester)	--	--	--	\$	\$75	\$125	\$150	\$150
Ultrasound (After 1st Trimester)	--	--	--	\$	\$150	\$175	\$325	\$225
X-Ray of Chest	--	--	--	\$	\$60	\$70	\$150	\$90
Respiratory								
Pneumonia Δ	++++	97%	91%	b	--	--	--	\$5,700
How Patients Rate the Hospital Overall Δ								
	++	62%	64%					

Note: Unless otherwise noted, the service was provided in an inpatient setting.

‡ Outcome/ mortality measure - quality score indicates mortality rate for this measure for this hospital

Δ Process measure - measures whether the hospital did what it was supposed to do in treating a patient and quality score indicates how the hospital compares to other hospitals

-- No measure available

a Insufficient data to support a ranking for this hospital on this quality measure

b Insufficient data to support a ranking for this hospital on this cost measure

c Cost not reported for this measure for this hospital

d Statewide rates not reported for this hospital

Leapfrog Quality Ratings for Health Alliance Hospital

Measure	Rating	Status
Managing Serious Errors (Never Events)	☆☆☆☆	Fully implemented
Patient Safety Practices Composite Score	☆	Willing to report publicly
Reduce In-Hospital Injuries	☆☆☆☆	Fully implemented
Reduce Pressure Ulcers	☆	Willing to report publicly
Requires Staff to Use Computers	☆☆	Good early stage effort
Use of Intensivists in ICUs	☆☆☆☆	Fully implemented

Heywood Hospital

Measure by Category	Quality			Cost				
	Rating	Score	Statewide Score	Rating	15th Percentile	Median	85th Percentile	Statewide Median
Bone and Joint Care								
Hip Fracture	++	3 60	2.40	b	--	--	--	\$20,000
Hip Replacement ‡	++++	0 00	0.11	b	--	--	--	\$19,250
Heart Care								
Heart Attack Δ	++++	99%	97%	b	--	--	--	\$12,900
Heart Failure Δ	+++	91%	87%	b	--	--	--	\$7,250
Stroke ‡	+	15.37	10.26	b	--	--	--	\$12,500
Obstetrics								
Cesarean Section	--	--	--	\$	\$3,500	\$4,700	\$4,800	\$5,750
Normal Newborn	--	--	--	\$	\$900	\$1,000	\$1,000	\$1,200
Vaginal Delivery	--	--	--	\$	\$2,900	\$3,000	\$3,700	\$3,700
Outpatient Diagnostic Procedure								
CT Scan of Abdomen w Contrast	--	--	--	\$	\$300	\$400	\$550	\$525
CT Scan of Abdomen w/o Contrast	--	--	--	\$	\$250	\$250	\$450	\$350
CT Scan of Chest w Contrast	--	--	--	\$	\$375	\$475	\$550	\$525
CT Scan of Chest w/o Contrast	--	--	--	\$	\$250	\$350	\$475	\$425
CT Scan of Head w/o Contrast	--	--	--	\$	\$250	\$250	\$375	\$350
Doppler Echocardiography	--	--	--	\$	\$125	\$125	\$225	\$200
Echocardiography w Image Documentation	--	--	--	\$	\$200	\$275	\$525	\$350
Mammogram Screening	--	--	--	\$	\$75	\$75	\$125	\$100
MRI of Brain w/o contrast	--	--	--	\$	\$500	\$500	\$1,475	\$825
MRI of Joint of Lower Extremity	--	--	--	\$	\$450	\$475	\$900	\$750
MRI of Lumbar Spine w/o contrast	--	--	--	\$	\$500	\$500	\$1,475	\$775
Myocardial Perfusion Imaging	--	--	--	\$	\$550	\$800	\$925	\$825
Ultrasound (1st Trimester)	--	--	--	\$	\$75	\$75	\$125	\$150
Ultrasound (After 1st Trimester)	--	--	--	\$	\$150	\$175	\$175	\$225
X-Ray of Chest	--	--	--	\$	\$50	\$70	\$80	\$90
Respiratory								
Pneumonia Δ	++	91%	91%	b	--	--	--	\$5,700
How Patients Rate the Hospital Overall Δ								
	--	--	64%					

Note: Unless otherwise noted, the service was provided in an inpatient setting.

‡ Outcome/ mortality measure - quality score indicates mortality rate for this measure for this hospital

Δ Process measure - measures whether the hospital did what it was supposed to do in treating a patient and quality score indicates how the hospital compares to other hospitals

-- No measure available

a Insufficient data to support a ranking for this hospital on this quality measure

b Insufficient data to support a ranking for this hospital on this cost measure

c Cost not reported for this measure for this hospital

d Statewide rates not reported for this hospital

Leapfrog Quality Ratings for Heywood Hospital

Measure	Rating	Status
Managing Serious Errors (Never Events)	☆☆☆	Fully implemented
Patient Safety Practices Composite Score	☆☆☆	Good progress
Reduce In-Hospital Injuries	☆☆☆	Fully implemented
Reduce Pressure Ulcers	☆☆☆	Fully implemented
Requires Staff to Use Computers	☆☆	Good early stage effort
Use of Intensivists in ICUs	☆	Willing to report publicly

Holyoke Medical Center

Measure by Category	Quality			Cost				
	Rating	Score	Statewide Score	Rating	15th Percentile	Median	85th Percentile	Statewide Median
Bone and Joint Care								
Hip Fracture	+++	1 63	2.40	b	--	--	--	\$20,000
Hip Replacement ‡	--	--	0.11	b	--	--	--	\$19,250
Heart Care								
Heart Attack Δ	+	89%	97%	b	--	--	--	\$12,900
Heart Failure Δ	+++	89%	87%	b	--	--	--	\$7,250
Stroke ‡	++++	5.72	10 26	b	--	--	--	\$12,500
Obstetrics								
Normal Newborn	--	--	--	\$	\$900	\$1,000	\$1,300	\$1,200
Vaginal Delivery	--	--	--	\$	\$2,600	\$3,000	\$3,700	\$3,700
Outpatient Diagnostic Procedure								
CT Scan of Abdomen w Contrast	--	--	--	\$	\$425	\$450	\$475	\$525
CT Scan of Abdomen w/o Contrast	--	--	--	\$	\$300	\$325	\$375	\$350
CT Scan of Chest w Contrast	--	--	--	\$	\$325	\$450	\$450	\$525
CT Scan of Chest w/o Contrast	--	--	--	\$	\$350	\$350	\$375	\$425
CT Scan of Head w/o Contrast	--	--	--	\$	\$300	\$300	\$325	\$350
Doppler Echocardiography	--	--	--	\$	\$100	\$175	\$200	\$200
Echocardiography w Image Documentation	--	--	--	\$	\$175	\$250	\$400	\$350
Mammogram Screening	--	--	--	\$	\$75	\$100	\$100	\$100
MRI of Brain w/o contrast	--	--	--	\$	\$600	\$625	\$725	\$825
MRI of Joint of Lower Extremity	--	--	--	\$	\$525	\$550	\$725	\$750
MRI of Lumbar Spine w/o contrast	--	--	--	\$	\$600	\$600	\$800	\$775
Myocardial Perfusion Imaging	--	--	--	\$	\$650	\$700	\$750	\$825
Ultrasound (1st Trimester)	--	--	--	\$	\$75	\$75	\$150	\$150
Ultrasound (After 1st Trimester)	--	--	--	\$	\$125	\$125	\$200	\$225
X-Ray of Chest	--	--	--	\$	\$40	\$60	\$90	\$90
Respiratory								
Pneumonia Δ	+++	93%	91%	b	--	--	--	\$5,700
How Patients Rate the Hospital Overall Δ								
	++	63%	64%					

Note: Unless otherwise noted, the service was provided in an inpatient setting.

‡ Outcome/ mortality measure - quality score indicates mortality rate for this measure for this hospital

Δ Process measure - measures whether the hospital did what it was supposed to do in treating a patient and quality score indicates how the hospital compares to other hospitals

-- No measure available

a Insufficient data to support a ranking for this hospital on this quality measure

b Insufficient data to support a ranking for this hospital on this cost measure

c Cost not reported for this measure for this hospital

d Statewide rates not reported for this hospital

Leapfrog Quality Ratings for Holyoke Medical Center

Measure	Rating	Status
Managing Serious Errors (Never Events)	☆☆☆☆	Fully implemented
Patient Safety Practices Composite Score	☆☆☆☆	Good progress
Reduce In-Hospital Injuries	☆☆☆☆	Fully implemented
Reduce Pressure Ulcers	☆☆	Good early stage effort
Requires Staff to Use Computers	☆☆	Good early stage effort
Use of Intensivists in ICUs	☆☆☆☆	Fully implemented

Hubbard Regional Hospital

Measure by Category	Quality			Cost				
	Rating	Score	Statewide Score	Rating	15th Percentile	Median	85th Percentile	Statewide Median
Bone and Joint Care								
Hip Fracture	--	--	2.40	b	--	--	--	\$20,000
Hip Replacement ‡	--	--	0.11	b	--	--	--	\$19,250
Heart Care								
Heart Attack Δ	--	96%	97%	b	--	--	--	\$12,900
Heart Failure Δ	+	70%	87%	b	--	--	--	\$7,250
Stroke ‡	--	--	10.26	b	--	--	--	\$12,500
Outpatient Diagnostic Procedure								
CT Scan of Abdomen w Contrast	--	--	--	\$	\$325	\$325	\$500	\$525
CT Scan of Abdomen w/o Contrast	--	--	--	\$\$\$	\$225	\$400	\$425	\$350
CT Scan of Chest w Contrast	--	--	--	\$\$\$	\$325	\$525	\$525	\$525
CT Scan of Chest w/o Contrast	--	--	--	\$\$\$	\$250	\$425	\$425	\$425
CT Scan of Head w/o Contrast	--	--	--	\$	\$200	\$325	\$350	\$350
Doppler Echocardiography	--	--	--	\$\$\$	\$125	\$200	\$200	\$200
Echocardiography w Image Documentation	--	--	--	\$	\$225	\$250	\$275	\$350
Mammogram Screening	--	--	--	\$\$\$	\$75	\$125	\$150	\$100
Myocardial Perfusion Imaging	--	--	--	\$\$\$	\$750	\$850	\$850	\$825
X-Ray of Chest	--	--	--	\$	\$50	\$60	\$80	\$90
Respiratory								
Pneumonia Δ	+	85%	91%	b	--	--	--	\$5,700
How Patients Rate the Hospital Overall Δ								
	--	--	64%					

Note: Unless otherwise noted, the service was provided in an inpatient setting.

‡ Outcome/ mortality measure - quality score indicates mortality rate for this measure for this hospital

Δ Process measure - measures whether the hospital did what it was supposed to do in treating a patient and quality score indicates how the hospital compares to other hospitals

-- No measure available

a Insufficient data to support a ranking for this hospital on this quality measure

b Insufficient data to support a ranking for this hospital on this cost measure

c Cost not reported for this measure for this hospital

d Statewide rates not reported for this hospital

Leapfrog Quality Ratings for Hubbard Regional Hospital

Measure

No ratings for this hospital

Jordan Hospital

Measure by Category	Quality			Cost				
	Rating	Score	Statewide Score	Rating	15th Percentile	Median	85th Percentile	Statewide Median
Bone and Joint Care								
Back and Neck Procedures (Except Spinal Fusion)	--	--	--	\$\$	\$6,400	\$7,500	\$9,900	\$7,700
Hip Fracture	++	3 23	2.40	b	--	--	--	\$20,000
Hip Replacement ‡	++++	0 00	0.11	b	--	--	--	\$19,250
Knee Replacement	--	--	--	\$\$	\$15,000	\$16,000	\$21,500	\$16,000
Digestive System								
Gall Bladder	--	--	--	\$\$	\$6,900	\$7,400	\$9,700	\$8,000
Intestinal Surgery	--	--	--	\$\$\$	\$11,000	\$16,000	\$28,000	\$14,750
Heart Care								
Heart Attack Δ	++++	99%	97%	b	--	--	--	\$12,900
Heart Failure Δ	++	84%	87%	b	--	--	--	\$7,250
Stroke ‡	++++	6.79	10 26	b	--	--	--	\$12,500
Obstetrics								
Cesarean Section	--	--	--	\$\$\$	\$5,200	\$5,800	\$7,100	\$5,750
Normal Newborn	--	--	--	\$\$	\$1,100	\$1,200	\$1,200	\$1,200
Vaginal Delivery	--	--	--	\$\$	\$3,200	\$3,700	\$4,700	\$3,700
Outpatient Diagnostic Procedure								
CT Scan of Abdomen w Contrast	--	--	--	\$\$\$	\$175	\$500	\$550	\$525
CT Scan of Abdomen w/o Contrast	--	--	--	\$\$	\$150	\$325	\$375	\$350
CT Scan of Chest w Contrast	--	--	--	\$\$	\$350	\$475	\$575	\$525
CT Scan of Chest w/o Contrast	--	--	--	\$\$	\$300	\$375	\$450	\$425
CT Scan of Head w/o Contrast	--	--	--	\$\$	\$300	\$300	\$375	\$350
Doppler Echocardiography	--	--	--	\$\$	\$125	\$175	\$200	\$200
Echocardiography w Image Documentation	--	--	--	\$\$\$	\$250	\$300	\$300	\$350
Mammogram Screening	--	--	--	\$\$	\$50	\$100	\$125	\$100
MRI of Brain w/o contrast	--	--	--	\$\$	\$600	\$700	\$750	\$825
MRI of Joint of Lower Extremity	--	--	--	\$\$\$	\$525	\$675	\$800	\$750
MRI of Lumbar Spine w/o contrast	--	--	--	\$\$	\$625	\$700	\$825	\$775
Myocardial Perfusion Imaging	--	--	--	\$\$\$	\$700	\$800	\$975	\$825
Ultrasound (After 1st Trimester)	--	--	--	\$\$\$	\$125	\$225	\$225	\$225
X-Ray of Chest	--	--	--	\$\$	\$60	\$90	\$90	\$90
Outpatient Radiation								
Radiation Treatment: 3 or More Areas (6-10 MeV)	--	--	--	\$	\$150	\$175	\$275	\$275
Radiation Treatment: 3 or More Areas (11-19 MeV)	--	--	--	\$	\$150	\$175	\$300	\$275
Radiation Treatment: Intensity Modulated (Per Session)	--	--	--	\$\$\$	\$1,000	\$1,000	\$1,400	\$1,200
Respiratory								
Chronic Obstructive Pulmonary Disease (COPD)	--	--	--	\$\$\$	\$4,700	\$5,500	\$8,800	\$4,700
Pneumonia Δ	++++	95%	91%	\$\$\$	\$3,800	\$5,800	\$8,400	\$5,700
How Patients Rate the Hospital Overall Δ								
	+++	66%	64%					

Note: Unless otherwise noted, the service was provided in an inpatient setting.

‡ Outcome/ mortality measure - quality score indicates mortality rate for this measure for this hospital

Δ Process measure - measures whether the hospital did what it was supposed to do in treating a patient and quality score indicates how the hospital compares to other hospitals

-- No measure available

a Insufficient data to support a ranking for this hospital on this quality measure

b Insufficient data to support a ranking for this hospital on this cost measure

c Cost not reported for this measure for this hospital

d Statewide rates not reported for this hospital

Leapfrog Quality Ratings for Jordan Hospital

Measure	Rating	Status
Managing Serious Errors (Never Events)	☆☆☆☆	Fully implemented
Patient Safety Practices Composite Score	☆☆	Good early stage effort
Reduce In-Hospital Injuries	☆☆☆☆	Fully implemented
Reduce Pressure Ulcers	☆☆☆	Good progress
Requires Staff to Use Computers	☆	Willing to report publicly
Use of Intensivists in ICUs	☆	Willing to report publicly

Lahey Clinic

Measure by Category	Quality			Cost				
	Rating	Score	Statewide Score	Rating	15th Percentile	Median	85th Percentile	Statewide Median
Bone and Joint Care								
Back and Neck Procedures (Except Spinal Fusion)	--	--	--	\$\$\$	\$7,900	\$8,900	\$9,700	\$7,700
Hip Fracture	+++	1 58	2.40	b	--	--	--	\$20,000
Hip Replacement ‡	++++	0 00	0.11	\$\$\$	\$18,000	\$20,000	\$21,000	\$19,250
Knee Replacement	--	--	--	\$\$\$	\$16,500	\$18,000	\$23,500	\$16,000
Digestive System								
Intestinal Surgery	--	--	--	\$\$\$	\$13,000	\$16,500	\$39,000	\$14,750
Weight Loss Surgery	--	--	--	\$\$\$	\$13,500	\$14,500	\$18,000	\$13,000
Heart Care								
Angioplasty ‡	a	0.45	d	b	--	--	--	\$22,000
Bypass Surgery ‡	a	2 35	d	b	\$36,000	\$44,000	\$71,000	\$43,500
Heart Attack Δ	+++	97%	97%	b	\$5,900	\$12,300	\$23,300	\$12,900
Heart Failure Δ	++	88%	87%	b	--	--	--	\$7,250
Stroke ‡	+++	9.48	10 26	b	--	--	--	\$12,500
Outpatient Diagnostic Procedure								
CT Scan of Abdomen w Contrast	--	--	--	\$\$\$	\$225	\$550	\$550	\$525
CT Scan of Abdomen w/o Contrast	--	--	--	\$\$\$	\$200	\$350	\$350	\$350
CT Scan of Chest w Contrast	--	--	--	\$\$\$	\$425	\$525	\$525	\$525
CT Scan of Chest w/o Contrast	--	--	--	\$	\$400	\$400	\$425	\$425
CT Scan of Head w/o Contrast	--	--	--	\$\$\$	\$325	\$350	\$375	\$350
Doppler Echocardiography	--	--	--	\$	\$125	\$125	\$200	\$200
Echocardiography w Image Documentation	--	--	--	\$	\$200	\$225	\$350	\$350
MRI of Brain w/o contrast	--	--	--	\$	\$675	\$700	\$900	\$825
MRI of Joint of Lower Extremity	--	--	--	b	--	--	--	\$750
MRI of Lumbar Spine w/o contrast	--	--	--	\$	\$675	\$700	\$900	\$775
Myocardial Perfusion Imaging	--	--	--	\$	\$750	\$750	\$1,250	\$825
X-Ray of Chest	--	--	--	\$\$\$	\$50	\$100	\$100	\$90
Outpatient Radiation								
Radiation Treatment: 3 or More Areas (6-10 MeV)	--	--	--	\$\$\$	\$175	\$275	\$300	\$275
Radiation Treatment: 3 or More Areas (11-19 MeV)	--	--	--	\$\$\$	\$175	\$275	\$275	\$275
Radiation Treatment: Intensity Modulated (Per Session)	--	--	--	\$\$\$	\$900	\$1,100	\$1,700	\$1,200
Respiratory								
Pneumonia Δ	++	90%	91%	b	--	--	--	\$5,700
How Patients Rate the Hospital Overall Δ								
	++++	71%	64%					

Note: Unless otherwise noted, the service was provided in an inpatient setting.

‡ Outcome/ mortality measure - quality score indicates mortality rate for this measure for this hospital

Δ Process measure - measures whether the hospital did what it was supposed to do in treating a patient and quality score indicates how the hospital compares to other hospitals

-- No measure available

a Insufficient data to support a ranking for this hospital on this quality measure

b Insufficient data to support a ranking for this hospital on this cost measure

c Cost not reported for this measure for this hospital

d Statewide rates not reported for this hospital

Leapfrog Quality Ratings for Lahey Clinic

Measure	Rating	Status
Aortic Valve Replacement High Risk Treatment	☆☆☆☆	Fully implemented
Managing Serious Errors (Never Events)	☆☆☆☆	Fully implemented
Patient Safety Practices Composite Score	☆☆☆☆	Fully implemented
Reduce In-Hospital Injuries	☆☆☆☆	Fully implemented
Reduce Pressure Ulcers	☆☆☆	Good progress
Requires Staff to Use Computers	☆☆	Good early stage effort
Use of Intensivists in ICUs	☆☆☆☆	Fully implemented
Weight Loss Surgery Treatment	☆☆☆☆	Fully implemented

Lawrence General Hospital

Measure by Category	Quality			Cost				
	Rating	Score	Statewide Score	Rating	15th Percentile	Median	85th Percentile	Statewide Median
Bone and Joint Care								
Hip Fracture	++++	1 31	2.40	b	--	--	--	\$20,000
Hip Replacement ‡	--	--	0.11	b	--	--	--	\$19,250
Heart Care								
Heart Attack Δ	+	88%	97%	b	--	--	--	\$12,900
Heart Failure Δ	++	79%	87%	b	--	--	--	\$7,250
Stroke ‡	++	13.76	10.26	b	--	--	--	\$12,500
Obstetrics								
Cesarean Section	--	--	--	\$	\$4,200	\$5,400	\$6,000	\$5,750
Normal Newborn	--	--	--	\$	\$900	\$1,000	\$1,000	\$1,200
Vaginal Delivery	--	--	--	\$	\$2,700	\$3,400	\$4,200	\$3,700
Outpatient Diagnostic Procedure								
CT Scan of Abdomen w Contrast	--	--	--	\$	\$200	\$450	\$500	\$525
CT Scan of Abdomen w/o Contrast	--	--	--	\$	\$275	\$300	\$375	\$350
CT Scan of Chest w Contrast	--	--	--	\$	\$375	\$425	\$475	\$525
CT Scan of Chest w/o Contrast	--	--	--	\$	\$275	\$350	\$400	\$425
CT Scan of Head w/o Contrast	--	--	--	\$	\$275	\$275	\$325	\$350
Doppler Echocardiography	--	--	--	\$	\$125	\$175	\$200	\$200
Echocardiography w Image Documentation	--	--	--	\$	\$250	\$275	\$300	\$350
Mammogram Screening	--	--	--	\$	\$100	\$100	\$100	\$100
Myocardial Perfusion Imaging	--	--	--	\$	\$625	\$625	\$775	\$825
Ultrasound (1st Trimester)	--	--	--	\$	\$75	\$125	\$150	\$150
Ultrasound (After 1st Trimester)	--	--	--	\$	\$150	\$200	\$200	\$225
X-Ray of Chest	--	--	--	\$	\$50	\$80	\$80	\$90
Respiratory								
Pneumonia Δ	+++	93%	91%	\$	\$3,100	\$4,700	\$6,000	\$5,700
How Patients Rate the Hospital Overall Δ								
	+	57%	64%					

Note: Unless otherwise noted, the service was provided in an inpatient setting.

‡ Outcome/ mortality measure - quality score indicates mortality rate for this measure for this hospital

Δ Process measure - measures whether the hospital did what it was supposed to do in treating a patient and quality score indicates how the hospital compares to other hospitals

-- No measure available

a Insufficient data to support a ranking for this hospital on this quality measure

b Insufficient data to support a ranking for this hospital on this cost measure

c Cost not reported for this measure for this hospital

d Statewide rates not reported for this hospital

Leapfrog Quality Ratings for Lawrence General Hospital

Measure	Rating	Status
Managing Serious Errors (Never Events)	☆☆☆☆	Fully implemented
Patient Safety Practices Composite Score	☆	Willing to report publicly
Requires Staff to Use Computers	☆☆	Good early stage effort
Use of Intensivists in ICUs	☆	Willing to report publicly

Lowell General Hospital

Measure by Category	Quality			Cost				
	Rating	Score	Statewide Score	Rating	15th Percentile	Median	85th Percentile	Statewide Median
Bone and Joint Care								
Hip Fracture	++	3.70	2.40	b	--	--	--	\$20,000
Hip Replacement ‡	++++	0.00	0.11	b	--	--	--	\$19,250
Digestive System								
Weight Loss Surgery	--	--	--	\$	\$4,500	\$10,000	\$10,500	\$13,000
Heart Care								
Heart Attack Δ	+++	98%	97%	b	--	--	--	\$12,900
Heart Failure Δ	+	73%	87%	b	--	--	--	\$7,250
Stroke ‡	++	15.22	10.26	b	--	--	--	\$12,500
Obstetrics								
Cesarean Section	--	--	--	\$	\$4,500	\$4,700	\$6,000	\$5,750
Normal Newborn	--	--	--	\$	\$900	\$1,000	\$1,000	\$1,200
Vaginal Delivery	--	--	--	\$	\$2,800	\$3,000	\$3,800	\$3,700
Outpatient Diagnostic Procedure								
CT Scan of Abdomen w Contrast	--	--	--	\$	\$200	\$450	\$500	\$525
CT Scan of Abdomen w/o Contrast	--	--	--	\$	\$175	\$300	\$400	\$350
CT Scan of Chest w Contrast	--	--	--	\$	\$350	\$425	\$500	\$525
CT Scan of Chest w/o Contrast	--	--	--	\$	\$325	\$325	\$450	\$425
CT Scan of Head w/o Contrast	--	--	--	\$	\$275	\$300	\$375	\$350
Doppler Echocardiography	--	--	--	\$	\$125	\$150	\$200	\$200
Echocardiography w Image Documentation	--	--	--	\$	\$250	\$275	\$300	\$350
Mammogram Screening	--	--	--	\$	\$100	\$100	\$125	\$100
MRI of Brain w/o contrast	--	--	--	\$	\$575	\$575	\$850	\$825
MRI of Joint of Lower Extremity	--	--	--	\$	\$500	\$500	\$850	\$750
MRI of Lumbar Spine w/o contrast	--	--	--	\$	\$550	\$550	\$850	\$775
Myocardial Perfusion Imaging	--	--	--	\$	\$625	\$625	\$925	\$825
Ultrasound (1st Trimester)	--	--	--	\$	\$100	\$100	\$125	\$150
Ultrasound (After 1st Trimester)	--	--	--	\$	\$150	\$200	\$200	\$225
X-Ray of Chest	--	--	--	\$	\$50	\$80	\$80	\$90
Outpatient Radiation								
Radiation Treatment: 3 or More Areas (6-10 MeV)	--	--	--	\$	\$175	\$250	\$250	\$275
Radiation Treatment: 3 or More Areas (11-19 MeV)	--	--	--	\$	\$175	\$225	\$225	\$275
Radiation Treatment: Intensity Modulated (Per Session)	--	--	--	\$	\$900	\$900	\$1,700	\$1,200
Respiratory								
Pneumonia Δ	+	83%	91%	\$	\$3,100	\$4,600	\$8,000	\$5,700
How Patients Rate the Hospital Overall Δ								
	+++	64%	64%					

Note: Unless otherwise noted, the service was provided in an inpatient setting.

‡ Outcome/ mortality measure - quality score indicates mortality rate for this measure for this hospital

Δ Process measure - measures whether the hospital did what it was supposed to do in treating a patient and quality score indicates how the hospital compares to other hospitals

-- No measure available

a Insufficient data to support a ranking for this hospital on this quality measure

b Insufficient data to support a ranking for this hospital on this cost measure

c Cost not reported for this measure for this hospital

d Statewide rates not reported for this hospital

Leapfrog Quality Ratings for Lowell General Hospital

Measure	Rating	Status
Managing Serious Errors (Never Events)	☆☆☆	Fully implemented
Patient Safety Practices Composite Score	☆☆☆	Good progress
Reduce In-Hospital Injuries	☆☆☆	Good progress
Reduce Pressure Ulcers	☆☆☆	Fully implemented
Requires Staff to Use Computers	☆☆	Good early stage effort
Use of Intensivists in ICUs	☆	Willing to report publicly
Weight Loss Surgery Treatment	☆☆☆	Good progress

Marlborough Hospital

Measure by Category	Quality			Cost				
	Rating	Score	Statewide Score	Rating	15th Percentile	Median	85th Percentile	Statewide Median
Bone and Joint Care								
Hip Fracture	+++	1 64	2.40	b	--	--	--	\$20,000
Hip Replacement ‡	++++	0 00	0.11	b	--	--	--	\$19,250
Heart Care								
Heart Attack Δ	+++	98%	97%	b	--	--	--	\$12,900
Heart Failure Δ	++++	95%	87%	b	--	--	--	\$7,250
Stroke ‡	+	18.47	10.26	b	--	--	--	\$12,500
Outpatient Diagnostic Procedure								
CT Scan of Abdomen w Contrast	--	--	--	\$	\$225	\$450	\$600	\$525
CT Scan of Abdomen w/o Contrast	--	--	--	\$	\$225	\$300	\$475	\$350
CT Scan of Chest w Contrast	--	--	--	\$	\$450	\$450	\$525	\$525
CT Scan of Chest w/o Contrast	--	--	--	\$	\$350	\$425	\$550	\$425
CT Scan of Head w/o Contrast	--	--	--	\$	\$300	\$350	\$450	\$350
Doppler Echocardiography	--	--	--	\$	\$150	\$150	\$300	\$200
Echocardiography w Image Documentation	--	--	--	\$	\$250	\$275	\$350	\$350
Mammogram Screening	--	--	--	\$	\$75	\$100	\$125	\$100
Myocardial Perfusion Imaging	--	--	--	\$	\$650	\$650	\$1,125	\$825
X-Ray of Chest	--	--	--	\$	\$60	\$80	\$90	\$90
Respiratory								
Pneumonia Δ	+++	93%	91%	b	--	--	--	\$5,700
How Patients Rate the Hospital Overall Δ								
	++	59%	64%					

Note: Unless otherwise noted, the service was provided in an inpatient setting.

‡ Outcome/ mortality measure - quality score indicates mortality rate for this measure for this hospital

Δ Process measure - measures whether the hospital did what it was supposed to do in treating a patient and quality score indicates how the hospital compares to other hospitals

-- No measure available

a Insufficient data to support a ranking for this hospital on this quality measure

b Insufficient data to support a ranking for this hospital on this cost measure

c Cost not reported for this measure for this hospital

d Statewide rates not reported for this hospital

Leapfrog Quality Ratings for Marlborough Hospital

Measure

Managing Serious Errors (Never Events)	☆☆☆	Fully implemented
Patient Safety Practices Composite Score	☆☆	Good early stage effort
Reduce In-Hospital Injuries	☆☆	Good early stage effort
Reduce Pressure Ulcers	☆☆☆☆	Fully implemented
Requires Staff to Use Computers	☆	Willing to report publicly
Use of Intensivists in ICUs	☆☆☆☆	Fully implemented

Martha's Vineyard Hospital

Measure by Category	Quality			Cost				
	Rating	Score	Statewide Score	Rating	15th Percentile	Median	85th Percentile	Statewide Median
Bone and Joint Care								
Hip Fracture	--	--	2.40	b	--	--	--	\$20,000
Hip Replacement ‡	--	--	0.11	b	--	--	--	\$19,250
Heart Care								
Heart Attack Δ	--	--	97%	b	--	--	--	\$12,900
Heart Failure Δ	--	--	87%	b	--	--	--	\$7,250
Stroke ‡	--	--	10.26	b	--	--	--	\$12,500
Obstetrics								
Normal Newborn	--	--	--	\$	\$600	\$800	\$1,000	\$1,200
Vaginal Delivery	--	--	--	\$	\$1,100	\$2,000	\$3,000	\$3,700
Outpatient Diagnostic Procedure								
CT Scan of Abdomen w Contrast	--	--	--	\$\$\$\$	\$925	\$1,125	\$1,225	\$525
CT Scan of Abdomen w/o Contrast	--	--	--	\$\$\$\$	\$525	\$775	\$1,000	\$350
CT Scan of Chest w Contrast	--	--	--	\$\$\$\$	\$950	\$1,175	\$1,275	\$525
CT Scan of Head w/o Contrast	--	--	--	\$\$\$\$	\$600	\$775	\$850	\$350
Doppler Echocardiography	--	--	--	\$\$\$\$	\$325	\$425	\$450	\$200
Echocardiography w Image Documentation	--	--	--	\$\$\$\$	\$425	\$550	\$575	\$350
Mammogram Screening	--	--	--	\$	\$100	\$100	\$125	\$100
MRI of Joint of Lower Extremity	--	--	--	\$\$\$\$	\$975	\$1,250	\$1,300	\$750
MRI of Lumbar Spine w/o contrast	--	--	--	\$\$\$\$	\$1,375	\$1,450	\$1,925	\$775
Ultrasound (1st Trimester)	--	--	--	\$\$\$\$	\$625	\$800	\$875	\$150
Ultrasound (After 1st Trimester)	--	--	--	\$\$\$\$	\$600	\$800	\$825	\$225
X-Ray of Chest	--	--	--	\$\$\$\$	\$240	\$290	\$320	\$90
Respiratory								
Pneumonia Δ	--	--	91%	b	--	--	--	\$5,700
How Patients Rate the Hospital Overall Δ								
	--	--	64%					

Note: Unless otherwise noted, the service was provided in an inpatient setting.

‡ Outcome/ mortality measure - quality score indicates mortality rate for this measure for this hospital

Δ Process measure - measures whether the hospital did what it was supposed to do in treating a patient and quality score indicates how the hospital compares to other hospitals

-- No measure available

a Insufficient data to support a ranking for this hospital on this quality measure

b Insufficient data to support a ranking for this hospital on this cost measure

c Cost not reported for this measure for this hospital

d Statewide rates not reported for this hospital

Leapfrog Quality Ratings for Martha's Vineyard Hospital

Measure	Rating	Status
No ratings for this hospital		

Massachusetts Eye and Ear Infirmary

Measure by Category	Quality			Cost				
	Rating	Score	Statewide Score	Rating	15th Percentile	Median	85th Percentile	Statewide Median
Bone and Joint Care								
Hip Fracture	--	--	2.40	b	--	--	--	\$20,000
Hip Replacement ‡	--	--	0.11	b	--	--	--	\$19,250
Heart Care								
Heart Attack Δ	--	--	97%	b	--	--	--	\$12,900
Heart Failure Δ	--	--	87%	b	--	--	--	\$7,250
Stroke ‡	--	--	10.26	b	--	--	--	\$12,500
Outpatient Diagnostic Procedure								
CT Scan of Chest w Contrast	--	--	--	\$\$\$	\$275	\$575	\$575	\$525
CT Scan of Chest w/o Contrast	--	--	--	\$\$\$	\$275	\$450	\$475	\$425
X-Ray of Chest	--	--	--	\$\$\$	\$40	\$110	\$110	\$90
Respiratory								
Pneumonia Δ	--	--	91%	b	--	--	--	\$5,700
How Patients Rate the Hospital Overall Δ								
	--	--	64%					

Note: Unless otherwise noted, the service was provided in an inpatient setting.

‡ Outcome/ mortality measure - quality score indicates mortality rate for this measure for this hospital
 Δ Process measure - measures whether the hospital did what it was supposed to do in treating a patient
 and quality score indicates how the hospital compares to other hospitals

-- No measure available

a Insufficient data to support a ranking for this hospital on this quality measure

b Insufficient data to support a ranking for this hospital on this cost measure

c Cost not reported for this measure for this hospital

d Statewide rates not reported for this hospital

Leapfrog Quality Ratings for Massachusetts Eye and Ear Infirmary

Measure

Managing Serious Errors (Never Events)
 Patient Safety Practices Composite Score
 Requires Staff to Use Computers

☆☆☆☆

☆

☆

Fully implemented
 Willing to report publicly
 Willing to report publicly

Massachusetts General Hospital

Measure by Category	Quality			Cost				
	Rating	Score	Statewide Score	Rating	15th Percentile	Median	85th Percentile	Statewide Median
Bone and Joint Care								
Back and Neck Procedures (Except Spinal Fusion)	--	--	--	\$\$\$	\$8,800	\$9,800	\$13,100	\$7,700
Hip Fracture	+++	1.87	2.40	b	\$17,000	\$20,000	\$36,000	\$20,000
Hip Replacement ‡	++++	0.00	0.11	\$\$\$	\$20,000	\$23,000	\$29,000	\$19,250
Knee Replacement	--	--	--	\$\$\$	\$17,500	\$20,000	\$27,500	\$16,000
Spinal Fusion	--	--	--	b	\$24,000	\$34,000	\$50,000	\$25,000
Digestive System								
Gall Bladder	--	--	--	\$\$\$	\$7,000	\$10,600	\$15,200	\$8,000
Intestinal Surgery	--	--	--	\$\$\$	\$13,000	\$18,000	\$31,500	\$14,750
Weight Loss Surgery	--	--	--	\$\$\$	\$9,000	\$15,500	\$16,000	\$13,000
Heart Care								
Angioplasty ‡	a	0.78	d	\$\$\$	\$17,000	\$27,000	\$33,500	\$22,000
Bypass Surgery ‡	a	1.35	d	b	\$38,000	\$51,500	\$71,000	\$43,500
Cardiac Valve Surgery	--	--	--	b	\$45,500	\$49,500	\$129,000	\$53,000
Heart Attack Δ	++++	99%	97%	b	\$7,400	\$14,500	\$43,100	\$12,900
Heart Failure Δ	+++	94%	87%	b	--	--	--	\$7,250
Stroke ‡	+++	10.26	10.26	b	\$12,500	\$13,000	\$26,000	\$12,500
Obstetrics								
Cesarean Section	--	--	--	\$\$\$	\$7,200	\$7,900	\$9,100	\$5,750
Normal Newborn	--	--	--	\$\$\$	\$1,500	\$1,600	\$1,700	\$1,200
Vaginal Delivery	--	--	--	\$\$\$	\$4,300	\$4,900	\$6,200	\$3,700
Outpatient Diagnostic Procedure								
CT Scan of Abdomen w Contrast	--	--	--	\$\$\$	\$250	\$875	\$975	\$525
CT Scan of Abdomen w/o Contrast	--	--	--	\$\$\$	\$250	\$575	\$625	\$350
CT Scan of Chest w Contrast	--	--	--	\$\$\$	\$525	\$850	\$925	\$525
CT Scan of Chest w/o Contrast	--	--	--	\$\$\$	\$525	\$650	\$725	\$425
CT Scan of Head w/o Contrast	--	--	--	\$\$\$	\$500	\$550	\$600	\$350
Doppler Echocardiography	--	--	--	\$\$\$	\$275	\$275	\$300	\$200
Echocardiography w Image Documentation	--	--	--	\$\$\$	\$425	\$450	\$750	\$350
Mammogram Screening	--	--	--	b	--	--	--	\$100
MRI of Brain w/o contrast	--	--	--	\$\$\$	\$1,125	\$1,150	\$1,225	\$825
MRI of Joint of Lower Extremity	--	--	--	\$\$\$	\$975	\$1,100	\$1,225	\$750
MRI of Lumbar Spine w/o contrast	--	--	--	\$\$\$	\$1,100	\$1,100	\$1,300	\$775
Myocardial Perfusion Imaging	--	--	--	\$\$\$	\$1,225	\$1,225	\$2,000	\$825
X-Ray of Chest	--	--	--	\$\$\$	\$90	\$160	\$180	\$90
Outpatient Radiation								
Radiation Treatment: 3 or More Areas (6-10 MeV)	--	--	--	\$\$\$	\$250	\$500	\$550	\$275
Radiation Treatment: 3 or More Areas (11-19 MeV)	--	--	--	\$\$\$	\$300	\$450	\$500	\$275
Radiation Treatment: Intensity Modulated (Per Session)	--	--	--	\$\$\$	\$1,900	\$1,900	\$4,300	\$1,200
Respiratory								
Pneumonia Δ	++	90%	91%	\$\$\$	\$4,700	\$6,800	\$14,000	\$5,700
How Patients Rate the Hospital Overall Δ								
	++++	76%	64%					

Note: Unless otherwise noted, the service was provided in an inpatient setting.

‡ Outcome/ mortality measure - quality score indicates mortality rate for this measure for this hospital

Δ Process measure - measures whether the hospital did what it was supposed to do in treating a patient and quality score indicates how the hospital compares to other hospitals

-- No measure available

a Insufficient data to support a ranking for this hospital on this quality measure

b Insufficient data to support a ranking for this hospital on this cost measure

c Cost not reported for this measure for this hospital

d Statewide rates not reported for this hospital

Leapfrog Quality Ratings for Massachusetts General Hospital

Measure	Rating	Status
Aortic Valve Replacement High Risk Treatment	☆☆	Good early stage effort
Managing Serious Errors (Never Events)	☆☆☆☆	Fully implemented
Patient Safety Practices Composite Score	☆☆☆☆	Fully implemented
Requires Staff to Use Computers	☆☆☆☆	Fully implemented
Use of Intensivists in ICUs	☆☆	Good early stage effort
Weight Loss Surgery Treatment	☆☆☆	Good progress

Mercy Medical Center

Measure by Category	Quality			Cost				
	Rating	Score	Statewide Score	Rating	15th Percentile	Median	85th Percentile	Statewide Median
Bone and Joint Care								
Back and Neck Procedures (Except Spinal Fusion)	--	--	--	\$	\$1,500	\$6,400	\$7,100	\$7,700
Hip Fracture	+++	1 90	2.40	b	--	--	--	\$20,000
Hip Replacement ‡	++++	0 00	0.11	b	--	--	--	\$19,250
Knee Replacement	--	--	--	\$	\$13,000	\$14,000	\$15,000	\$16,000
Spinal Fusion	--	--	--	b	\$15,000	\$20,000	\$34,500	\$25,000
Digestive System								
Intestinal Surgery	--	--	--	\$	\$7,500	\$12,000	\$20,000	\$14,750
Heart Care								
Heart Attack Δ	++++	99%	97%	b	--	--	--	\$12,900
Heart Failure Δ	+++	92%	87%	b	--	--	--	\$7,250
Stroke ‡	+++	7 65	10 26	b	--	--	--	\$12,500
Obstetrics								
Cesarean Section	--	--	--	\$	\$3,400	\$5,400	\$5,800	\$5,750
Normal Newborn	--	--	--	\$	\$800	\$1,100	\$1,200	\$1,200
Vaginal Delivery	--	--	--	\$	\$2,600	\$3,400	\$4,100	\$3,700
Outpatient Diagnostic Procedure								
CT Scan of Abdomen w Contrast	--	--	--	\$	\$350	\$350	\$400	\$525
CT Scan of Abdomen w/o Contrast	--	--	--	\$	\$225	\$225	\$375	\$350
CT Scan of Chest w Contrast	--	--	--	\$	\$350	\$350	\$400	\$525
CT Scan of Chest w/o Contrast	--	--	--	\$	\$275	\$275	\$400	\$425
CT Scan of Head w/o Contrast	--	--	--	\$	\$225	\$225	\$325	\$350
Doppler Echocardiography	--	--	--	\$	\$125	\$125	\$175	\$200
Echocardiography w Image Documentation	--	--	--	\$	\$200	\$225	\$250	\$350
Mammogram Screening	--	--	--	\$	\$50	\$75	\$75	\$100
X-Ray of Chest	--	--	--	\$	\$40	\$70	\$70	\$90
Outpatient Radiation								
Radiation Treatment: 3 or More Areas (6-10 MeV)	--	--	--	\$	\$125	\$175	\$200	\$275
Radiation Treatment: 3 or More Areas (11-19 MeV)	--	--	--	\$	\$125	\$175	\$175	\$275
Radiation Treatment: Intensity Modulated (Per Session)	--	--	--	\$	\$400	\$400	\$700	\$1,200
Respiratory								
Pneumonia Δ	++++	97%	91%	b	--	--	--	\$5,700
How Patients Rate the Hospital Overall Δ								
	++	63%	64%					

Note: Unless otherwise noted, the service was provided in an inpatient setting.

‡ Outcome/ mortality measure - quality score indicates mortality rate for this measure for this hospital
 Δ Process measure - measures whether the hospital did what it was supposed to do in treating a patient
 and quality score indicates how the hospital compares to other hospitals
 -- No measure available

a Insufficient data to support a ranking for this hospital on this quality measure
 b Insufficient data to support a ranking for this hospital on this cost measure
 c Cost not reported for this measure for this hospital
 d Statewide rates not reported for this hospital

Leapfrog Quality Ratings for Mercy Medical Center

Measure	Rating	Status
Reduce In-Hospital Injuries	☆	Willing to report publicly
Reduce Pressure Ulcers	☆	Willing to report publicly

Merrimack Valley Hospital

Measure by Category	Quality			Cost				
	Rating	Score	Statewide Score	Rating	15th Percentile	Median	85th Percentile	Statewide Median
Bone and Joint Care								
Hip Fracture	++	3 32	2.40	b	--	--	--	\$20,000
Hip Replacement ‡	--	--	0.11	b	--	--	--	\$19,250
Heart Care								
Heart Attack Δ	+++	98%	97%	b	--	--	--	\$12,900
Heart Failure Δ	++++	96%	87%	b	--	--	--	\$7,250
Stroke ‡	++++	0 00	10 26	b	--	--	--	\$12,500
Outpatient Diagnostic Procedure								
CT Scan of Abdomen w Contrast	--	--	--	\$	\$325	\$475	\$475	\$525
CT Scan of Abdomen w/o Contrast	--	--	--	\$	\$150	\$300	\$350	\$350
CT Scan of Chest w Contrast	--	--	--	\$	\$350	\$450	\$450	\$525
CT Scan of Head w/o Contrast	--	--	--	\$	\$300	\$300	\$325	\$350
Doppler Echocardiography	--	--	--	\$	\$100	\$100	\$175	\$200
Echocardiography w Image Documentation	--	--	--	\$	\$175	\$200	\$250	\$350
MRI of Brain w/o contrast	--	--	--	\$	\$550	\$600	\$750	\$825
MRI of Lumbar Spine w/o contrast	--	--	--	\$	\$575	\$625	\$775	\$775
Myocardial Perfusion Imaging	--	--	--	\$	\$650	\$650	\$750	\$825
X-Ray of Chest	--	--	--	\$	\$40	\$80	\$80	\$90
Respiratory								
Pneumonia Δ	++++	95%	91%	b	--	--	--	\$5,700
How Patients Rate the Hospital Overall Δ								
	++	60%	64%					

Note: Unless otherwise noted, the service was provided in an inpatient setting.

‡ Outcome/ mortality measure - quality score indicates mortality rate for this measure for this hospital

Δ Process measure - measures whether the hospital did what it was supposed to do in treating a patient and quality score indicates how the hospital compares to other hospitals

-- No measure available

a Insufficient data to support a ranking for this hospital on this quality measure

b Insufficient data to support a ranking for this hospital on this cost measure

c Cost not reported for this measure for this hospital

d Statewide rates not reported for this hospital

Leapfrog Quality Ratings for Merrimack Valley Hospital

Measure

No ratings for this hospital

MetroWest Medical Center - Framingham

Measure by Category	Quality			Cost				
	Rating	Score	Statewide Score	Rating	15th Percentile	Median	85th Percentile	Statewide Median
Bone and Joint Care								
Back and Neck Procedures (Except Spinal Fusion)	--	--	--	\$\$	\$5,300	\$7,100	\$7,700	\$7,700
Hip Fracture	+	4.21	2.40	b	--	--	--	\$20,000
Hip Replacement ‡	--	--	0.11	b	--	--	--	\$19,250
Digestive System								
Gall Bladder	--	--	--	\$\$	\$6,500	\$7,300	\$11,100	\$8,000
Intestinal Surgery	--	--	--	\$	\$10,000	\$13,000	\$31,000	\$14,750
Heart Care								
Heart Attack Δ	++	96%	97%	b	--	--	--	\$12,900
Heart Failure Δ	++	87%	87%	b	--	--	--	\$7,250
Stroke ‡	+	16.94	10.26	b	--	--	--	\$12,500
Obstetrics								
Cesarean Section	--	--	--	\$\$	\$4,000	\$5,500	\$6,400	\$5,750
Normal Newborn	--	--	--	\$\$	\$900	\$1,100	\$1,100	\$1,200
Vaginal Delivery	--	--	--	\$\$	\$2,800	\$3,500	\$4,500	\$3,700
Outpatient Diagnostic Procedure								
CT Scan of Abdomen w Contrast	--	--	--	\$	\$150	\$450	\$450	\$525
CT Scan of Abdomen w/o Contrast	--	--	--	\$	\$150	\$375	\$375	\$350
CT Scan of Chest w Contrast	--	--	--	\$	\$300	\$400	\$450	\$525
CT Scan of Chest w/o Contrast	--	--	--	\$	\$300	\$300	\$375	\$425
CT Scan of Head w/o Contrast	--	--	--	\$	\$250	\$275	\$300	\$350
Doppler Echocardiography	--	--	--	\$\$	\$125	\$150	\$200	\$200
Echocardiography w Image Documentation	--	--	--	\$\$	\$225	\$250	\$425	\$350
Mammogram Screening	--	--	--	\$	\$75	\$75	\$100	\$100
Myocardial Perfusion Imaging	--	--	--	\$\$	\$575	\$675	\$1,350	\$825
Ultrasound (1st Trimester)	--	--	--	\$\$	\$75	\$125	\$125	\$150
Ultrasound (After 1st Trimester)	--	--	--	\$	\$150	\$175	\$175	\$225
X-Ray of Chest	--	--	--	\$	\$50	\$70	\$80	\$90
Outpatient Radiation								
Radiation Treatment: 3 or More Areas (6-10 MeV)	--	--	--	\$	\$150	\$225	\$225	\$275
Radiation Treatment: 3 or More Areas (11-19 MeV)	--	--	--	\$\$	\$150	\$200	\$200	\$275
Radiation Treatment: Intensity Modulated (Per Session)	--	--	--	\$\$	\$900	\$900	\$1,300	\$1,200
Respiratory								
Pneumonia Δ	++++	96%	91%	\$\$	\$3,800	\$5,700	\$8,900	\$5,700
How Patients Rate the Hospital Overall Δ								
	+	57%	64%					

Note: Unless otherwise noted, the service was provided in an inpatient setting.

‡ Outcome/ mortality measure - quality score indicates mortality rate for this measure for this hospital
 Δ Process measure - measures whether the hospital did what it was supposed to do in treating a patient
 and quality score indicates how the hospital compares to other hospitals
 -- No measure available

a Insufficient data to support a ranking for this hospital on this quality measure
 b Insufficient data to support a ranking for this hospital on this cost measure
 c Cost not reported for this measure for this hospital
 d Statewide rates not reported for this hospital

Leapfrog Quality Ratings for MetroWest Medical Center - Framingham

Measure	Rating	Status
Managing Serious Errors (Never Events)	☆	Willing to report publicly
Patient Safety Practices Composite Score	☆	Willing to report publicly
Requires Staff to Use Computers	☆☆	Good early stage effort
Use of Intensivists in ICUs	☆	Willing to report publicly
Weight Loss Surgery Treatment	☆	Willing to report publicly

MetroWest Medical Center - Leonard Morse

Measure by Category	Quality			Cost				
	Rating	Score	Statewide Score	Rating	15th Percentile	Median	85th Percentile	Statewide Median
Bone and Joint Care								
Back and Neck Procedures (Except Spinal Fusion)	--	--	--	\$\$	\$5,300	\$7,100	\$7,700	\$7,700
Hip Fracture	++	3.50	2.40	b	--	--	--	\$20,000
Hip Replacement ‡	--	--	0.11	b	--	--	--	\$19,250
Digestive System								
Gall Bladder	--	--	--	\$\$	\$6,500	\$7,300	\$11,100	\$8,000
Intestinal Surgery	--	--	--	\$	\$10,000	\$13,000	\$31,000	\$14,750
Heart Care								
Heart Attack Δ	++	96%	97%	b	--	--	--	\$12,900
Heart Failure Δ	++	87%	87%	b	--	--	--	\$7,250
Stroke ‡	+++	7.44	10.26	b	--	--	--	\$12,500
Obstetrics								
Cesarean Section	--	--	--	b	--	--	--	\$5,750
Normal Newborn	--	--	--	b	--	--	--	\$1,200
Vaginal Delivery	--	--	--	b	--	--	--	\$3,700
Outpatient Diagnostic Procedure								
CT Scan of Abdomen w Contrast	--	--	--	\$	\$150	\$450	\$450	\$525
CT Scan of Abdomen w/o Contrast	--	--	--	\$	\$150	\$375	\$375	\$350
CT Scan of Chest w Contrast	--	--	--	\$	\$300	\$400	\$450	\$525
CT Scan of Chest w/o Contrast	--	--	--	\$	\$300	\$300	\$375	\$425
CT Scan of Head w/o Contrast	--	--	--	\$	\$250	\$275	\$300	\$350
Doppler Echocardiography	--	--	--	\$\$	\$125	\$150	\$200	\$200
Echocardiography w Image Documentation	--	--	--	\$\$	\$225	\$250	\$425	\$350
Mammogram Screening	--	--	--	\$	\$75	\$75	\$100	\$100
Myocardial Perfusion Imaging	--	--	--	\$\$	\$575	\$675	\$1,350	\$825
Ultrasound (1st Trimester)	--	--	--	\$\$	\$75	\$125	\$125	\$150
Ultrasound (After 1st Trimester)	--	--	--	\$	\$150	\$175	\$175	\$225
X-Ray of Chest	--	--	--	\$	\$50	\$70	\$80	\$90
Outpatient Radiation								
Radiation Treatment: 3 or More Areas (6-10 MeV)	--	--	--	\$	\$150	\$225	\$225	\$275
Radiation Treatment: 3 or More Areas (11-19 MeV)	--	--	--	\$\$	\$150	\$200	\$200	\$275
Radiation Treatment: Intensity Modulated (Per Session)	--	--	--	\$\$	\$900	\$900	\$1,300	\$1,200
Respiratory								
Pneumonia Δ	++++	96%	91%	\$\$	\$3,800	\$5,700	\$8,900	\$5,700
How Patients Rate the Hospital Overall Δ								
	+	57%	64%					

Note: Unless otherwise noted, the service was provided in an inpatient setting.

‡ Outcome/ mortality measure - quality score indicates mortality rate for this measure for this hospital
 Δ Process measure - measures whether the hospital did what it was supposed to do in treating a patient
 and quality score indicates how the hospital compares to other hospitals
 -- No measure available

a Insufficient data to support a ranking for this hospital on this quality measure
 b Insufficient data to support a ranking for this hospital on this cost measure
 c Cost not reported for this measure for this hospital
 d Statewide rates not reported for this hospital

Leapfrog Quality Ratings for MetroWest Medical Center - Leonard Morse

Measure	Rating	Status
Managing Serious Errors (Never Events)	☆	Willing to report publicly
Patient Safety Practices Composite Score	☆	Willing to report publicly
Requires Staff to Use Computers	☆☆	Good early stage effort
Use of Intensivists in ICUs	☆	Willing to report publicly
Weight Loss Surgery Treatment	☆	Willing to report publicly

Milford Regional Medical Center

Measure by Category	Quality			Cost				
	Rating	Score	Statewide Score	Rating	15th Percentile	Median	85th Percentile	Statewide Median
Bone and Joint Care								
Back and Neck Procedures (Except Spinal Fusion)	--	--	--	\$\$	\$5,600	\$6,800	\$7,100	\$7,700
Hip Fracture	++++	0.00	2.40	b	--	--	--	\$20,000
Hip Replacement ‡	++++	0.00	0.11	b	--	--	--	\$19,250
Digestive System								
Gall Bladder	--	--	--	\$	\$3,900	\$6,900	\$9,300	\$8,000
Heart Care								
Heart Attack Δ	++++	99%	97%	b	--	--	--	\$12,900
Heart Failure Δ	++++	96%	87%	b	--	--	--	\$7,250
Stroke ‡	+++	9.12	10.26	b	--	--	--	\$12,500
Obstetrics								
Cesarean Section	--	--	--	\$\$	\$4,100	\$5,200	\$5,700	\$5,750
Normal Newborn	--	--	--	\$	\$1,000	\$1,000	\$1,000	\$1,200
Vaginal Delivery	--	--	--	\$	\$2,500	\$3,200	\$4,100	\$3,700
Outpatient Diagnostic Procedure								
CT Scan of Abdomen w Contrast	--	--	--	\$\$\$	\$200	\$600	\$625	\$525
CT Scan of Abdomen w/o Contrast	--	--	--	\$\$\$	\$200	\$400	\$425	\$350
CT Scan of Chest w Contrast	--	--	--	\$\$\$	\$250	\$575	\$575	\$525
CT Scan of Chest w/o Contrast	--	--	--	\$\$\$	\$250	\$450	\$475	\$425
CT Scan of Head w/o Contrast	--	--	--	\$\$\$	\$300	\$375	\$400	\$350
Doppler Echocardiography	--	--	--	\$\$	\$125	\$150	\$250	\$200
Echocardiography w Image Documentation	--	--	--	\$\$\$	\$250	\$300	\$325	\$350
MRI of Brain w/o contrast	--	--	--	\$\$\$	\$675	\$775	\$925	\$825
MRI of Joint of Lower Extremity	--	--	--	\$\$\$	\$675	\$700	\$925	\$750
MRI of Lumbar Spine w/o contrast	--	--	--	\$\$\$	\$475	\$775	\$1,025	\$775
Myocardial Perfusion Imaging	--	--	--	\$\$\$	\$250	\$850	\$1,225	\$825
Ultrasound (1st Trimester)	--	--	--	\$\$\$	\$100	\$175	\$200	\$150
X-Ray of Chest	--	--	--	\$\$\$	\$70	\$110	\$120	\$90
Respiratory								
Pneumonia Δ	+++	93%	91%	\$\$	\$3,600	\$4,900	\$7,000	\$5,700
How Patients Rate the Hospital Overall Δ								
	+++	68%	64%					

Note: Unless otherwise noted, the service was provided in an inpatient setting.

‡ Outcome/ mortality measure - quality score indicates mortality rate for this measure for this hospital

Δ Process measure - measures whether the hospital did what it was supposed to do in treating a patient and quality score indicates how the hospital compares to other hospitals

-- No measure available

a Insufficient data to support a ranking for this hospital on this quality measure

b Insufficient data to support a ranking for this hospital on this cost measure

c Cost not reported for this measure for this hospital

d Statewide rates not reported for this hospital

Leapfrog Quality Ratings for Milford Regional Medical Center

Measure	Rating	Status
Managing Serious Errors (Never Events)	☆☆☆☆	Fully implemented
Patient Safety Practices Composite Score	☆☆☆☆	Good progress
Reduce In-Hospital Injuries	☆☆☆☆	Fully implemented
Reduce Pressure Ulcers	☆☆☆☆	Fully implemented
Requires Staff to Use Computers	☆☆	Good early stage effort
Use of Intensivists in ICUs	☆☆☆☆	Fully implemented

Milton Hospital

Measure by Category	Quality			Cost				
	Rating	Score	Statewide Score	Rating	15th Percentile	Median	85th Percentile	Statewide Median
Bone and Joint Care								
Back and Neck Procedures (Except Spinal Fusion)	--	--	--	\$	\$4,700	\$6,400	\$8,700	\$7,700
Hip Fracture	+++	1.38	2.40	b	--	--	--	\$20,000
Hip Replacement ‡	++++	0.00	0.11	b	--	--	--	\$19,250
Heart Care								
Heart Attack Δ	+	88%	97%	b	--	--	--	\$12,900
Heart Failure Δ	++	84%	87%	b	--	--	--	\$7,250
Stroke ‡	+	16.13	10.26	b	--	--	--	\$12,500
Outpatient Diagnostic Procedure								
CT Scan of Abdomen w Contrast	--	--	--	\$\$\$	\$175	\$500	\$500	\$525
CT Scan of Abdomen w/o Contrast	--	--	--	\$\$	\$275	\$325	\$375	\$350
CT Scan of Chest w Contrast	--	--	--	\$\$	\$300	\$475	\$500	\$525
CT Scan of Chest w/o Contrast	--	--	--	\$\$	\$300	\$400	\$400	\$425
CT Scan of Head w/o Contrast	--	--	--	\$\$	\$275	\$325	\$325	\$350
Doppler Echocardiography	--	--	--	\$	\$125	\$125	\$200	\$200
Echocardiography w Image Documentation	--	--	--	\$\$	\$225	\$250	\$325	\$350
Mammogram Screening	--	--	--	\$\$	\$50	\$100	\$100	\$100
MRI of Brain w/o contrast	--	--	--	\$\$	\$650	\$650	\$750	\$825
MRI of Joint of Lower Extremity	--	--	--	\$\$	\$575	\$575	\$750	\$750
MRI of Lumbar Spine w/o contrast	--	--	--	\$\$	\$625	\$650	\$850	\$775
Myocardial Perfusion Imaging	--	--	--	\$\$	\$700	\$725	\$950	\$825
X-Ray of Chest	--	--	--	\$\$	\$50	\$90	\$90	\$90
Respiratory								
Pneumonia Δ	+++	93%	91%	b	--	--	--	\$5,700
How Patients Rate the Hospital Overall Δ								
	--	--	64%					

Note: Unless otherwise noted, the service was provided in an inpatient setting.

‡ Outcome/ mortality measure - quality score indicates mortality rate for this measure for this hospital

Δ Process measure - measures whether the hospital did what it was supposed to do in treating a patient and quality score indicates how the hospital compares to other hospitals

-- No measure available

a Insufficient data to support a ranking for this hospital on this quality measure

b Insufficient data to support a ranking for this hospital on this cost measure

c Cost not reported for this measure for this hospital

d Statewide rates not reported for this hospital

Leapfrog Quality Ratings for Milton Hospital

Measure	Rating	Status
Managing Serious Errors (Never Events)	☆☆☆☆	Fully implemented
Patient Safety Practices Composite Score	☆☆	Good early stage effort
Reduce In-Hospital Injuries	☆☆	Good early stage effort
Reduce Pressure Ulcers	☆	Willing to report publicly
Requires Staff to Use Computers	☆☆	Good early stage effort
Use of Intensivists in ICUs	☆	Willing to report publicly

Morton Hospital and Medical Center

Measure by Category	Quality			Cost				
	Rating	Score	Statewide Score	Rating	15th Percentile	Median	85th Percentile	Statewide Median
Bone and Joint Care								
Hip Fracture	++++	1.18	2.40	b	--	--	--	\$20,000
Hip Replacement ‡	++++	0 00	0.11	b	--	--	--	\$19,250
Heart Care								
Heart Attack Δ	++++	99%	97%	b	--	--	--	\$12,900
Heart Failure Δ	++++	96%	87%	b	--	--	--	\$7,250
Stroke ‡	+++	7.47	10.26	b	--	--	--	\$12,500
Obstetrics								
Cesarean Section	--	--	--	\$	\$4,500	\$5,500	\$6,800	\$5,750
Normal Newborn	--	--	--	\$	\$1,100	\$1,100	\$1,200	\$1,200
Vaginal Delivery	--	--	--	\$	\$3,100	\$3,400	\$4,300	\$3,700
Outpatient Diagnostic Procedure								
CT Scan of Abdomen w Contrast	--	--	--	\$	\$175	\$425	\$450	\$525
CT Scan of Abdomen w/o Contrast	--	--	--	\$	\$125	\$275	\$350	\$350
CT Scan of Chest w Contrast	--	--	--	\$	\$350	\$400	\$450	\$525
CT Scan of Chest w/o Contrast	--	--	--	\$	\$275	\$325	\$375	\$425
CT Scan of Head w/o Contrast	--	--	--	\$	\$275	\$275	\$300	\$350
Doppler Echocardiography	--	--	--	\$	\$100	\$100	\$175	\$200
Echocardiography w Image Documentation	--	--	--	\$	\$150	\$150	\$250	\$350
Mammogram Screening	--	--	--	\$	\$50	\$100	\$100	\$100
MRI of Brain w/o contrast	--	--	--	\$	\$525	\$550	\$700	\$825
MRI of Joint of Lower Extremity	--	--	--	\$	\$475	\$500	\$700	\$750
MRI of Lumbar Spine w/o contrast	--	--	--	\$	\$525	\$525	\$775	\$775
Myocardial Perfusion Imaging	--	--	--	\$	\$600	\$600	\$850	\$825
Ultrasound (1st Trimester)	--	--	--	\$	\$75	\$125	\$125	\$150
X-Ray of Chest	--	--	--	\$	\$70	\$80	\$80	\$90
Respiratory								
Chronic Obstructive Pulmonary Disease (COPD)	--	--	--	\$	\$4,200	\$4,200	\$7,300	\$4,700
Pneumonia Δ	+++	93%	91%	b	--	--	--	\$5,700
How Patients Rate the Hospital Overall Δ								
	+	52%	64%					

Note: Unless otherwise noted, the service was provided in an inpatient setting.

‡ Outcome/ mortality measure - quality score indicates mortality rate for this measure for this hospital

Δ Process measure - measures whether the hospital did what it was supposed to do in treating a patient and quality score indicates how the hospital compares to other hospitals

-- No measure available

a Insufficient data to support a ranking for this hospital on this quality measure

b Insufficient data to support a ranking for this hospital on this cost measure

c Cost not reported for this measure for this hospital

d Statewide rates not reported for this hospital

Leapfrog Quality Ratings for Morton Hospital and Medical Center

Measure	Rating	Status
Managing Serious Errors (Never Events)	☆☆☆	Fully implemented
Patient Safety Practices Composite Score	☆☆☆	Fully implemented
Reduce In-Hospital Injuries	☆☆☆	Good progress
Reduce Pressure Ulcers	☆☆☆	Fully implemented
Requires Staff to Use Computers	☆☆	Good early stage effort
Use of Intensivists in ICUs	☆	Willing to report publicly
Weight Loss Surgery Treatment	☆	Willing to report publicly

Mount Auburn Hospital

Measure by Category	Quality			Cost				
	Rating	Score	Statewide Score	Rating	15th Percentile	Median	85th Percentile	Statewide Median
Bone and Joint Care								
Hip Fracture	+++	1 50	2.40	b	--	--	--	\$20,000
Hip Replacement ‡	++++	0 00	0.11	\$	\$15,500	\$18,000	\$19,000	\$19,250
Knee Replacement	--	--	--	\$	\$13,500	\$15,500	\$18,500	\$16,000
Digestive System								
Intestinal Surgery	--	--	--	\$	\$10,500	\$14,500	\$22,500	\$14,750
Heart Care								
Angioplasty ‡	a	0 58	d	\$	\$12,000	\$18,500	\$21,500	\$22,000
Bypass Surgery ‡	a	1.16	d	b	--	--	--	\$43,500
Heart Attack Δ	+++	97%	97%	b	--	--	--	\$12,900
Heart Failure Δ	++	84%	87%	b	--	--	--	\$7,250
Stroke ‡	++	11.96	10.26	b	--	--	--	\$12,500
Obstetrics								
Cesarean Section	--	--	--	\$	\$4,300	\$5,200	\$6,600	\$5,750
Normal Newborn	--	--	--	\$	\$1,100	\$1,100	\$1,100	\$1,200
Vaginal Delivery	--	--	--	\$	\$3,200	\$3,400	\$4,300	\$3,700
Outpatient Diagnostic Procedure								
CT Scan of Abdomen w Contrast	--	--	--	\$\$\$	\$150	\$575	\$575	\$525
CT Scan of Abdomen w/o Contrast	--	--	--	\$\$\$	\$150	\$375	\$425	\$350
CT Scan of Chest w Contrast	--	--	--	\$\$\$	\$500	\$550	\$575	\$525
CT Scan of Chest w/o Contrast	--	--	--	\$\$\$	\$325	\$450	\$450	\$425
CT Scan of Head w/o Contrast	--	--	--	\$\$\$	\$325	\$375	\$375	\$350
Doppler Echocardiography	--	--	--	\$	\$175	\$175	\$225	\$200
Echocardiography w Image Documentation	--	--	--	\$\$\$	\$300	\$300	\$425	\$350
Mammogram Screening	--	--	--	\$\$\$	\$50	\$125	\$125	\$100
MRI of Brain w/o contrast	--	--	--	\$\$\$	\$750	\$750	\$850	\$825
MRI of Joint of Lower Extremity	--	--	--	\$\$\$	\$650	\$675	\$850	\$750
MRI of Lumbar Spine w/o contrast	--	--	--	\$\$\$	\$725	\$725	\$950	\$775
Myocardial Perfusion Imaging	--	--	--	\$\$\$	\$800	\$825	\$1,000	\$825
Ultrasound (1st Trimester)	--	--	--	\$	\$75	\$125	\$175	\$150
Ultrasound (After 1st Trimester)	--	--	--	\$\$\$	\$150	\$250	\$250	\$225
X-Ray of Chest	--	--	--	\$\$\$	\$60	\$110	\$110	\$90
Outpatient Radiation								
Radiation Treatment: 3 or More Areas (6-10 MeV)	--	--	--	\$	\$175	\$250	\$325	\$275
Radiation Treatment: 3 or More Areas (11-19 MeV)	--	--	--	\$\$\$	\$175	\$300	\$300	\$275
Radiation Treatment: Intensity Modulated (Per Session)	--	--	--	\$\$\$	\$800	\$1,200	\$1,500	\$1,200
Respiratory								
Pneumonia Δ	++	86%	91%	\$	\$3,500	\$5,000	\$10,700	\$5,700
How Patients Rate the Hospital Overall Δ								
	+++	67%	64%					

Note: Unless otherwise noted, the service was provided in an inpatient setting.

‡ Outcome/ mortality measure - quality score indicates mortality rate for this measure for this hospital

Δ Process measure - measures whether the hospital did what it was supposed to do in treating a patient and quality score indicates how the hospital compares to other hospitals

-- No measure available

a Insufficient data to support a ranking for this hospital on this quality measure

b Insufficient data to support a ranking for this hospital on this cost measure

c Cost not reported for this measure for this hospital

d Statewide rates not reported for this hospital

Leapfrog Quality Ratings for Mount Auburn Hospital

Measure	Rating	Status
Aortic Valve Replacement High Risk Treatment	☆☆☆	Good progress
Managing Serious Errors (Never Events)	☆☆☆☆	Fully implemented
Patient Safety Practices Composite Score	☆☆	Good early stage effort
Reduce In-Hospital Injuries	☆☆	Good early stage effort
Reduce Pressure Ulcers	☆☆☆☆	Fully implemented
Requires Staff to Use Computers	☆☆	Good early stage effort
Use of Intensivists in ICUs	☆☆☆☆	Fully implemented

Nantucket Cottage Hospital

Measure by Category	Quality			Cost				
	Rating	Score	Statewide Score	Rating	15th Percentile	Median	85th Percentile	Statewide Median
Bone and Joint Care								
Hip Fracture	--	--	2.40	b	--	--	--	\$20,000
Hip Replacement ‡	--	--	0.11	b	--	--	--	\$19,250
Heart Care								
Heart Attack Δ	--	--	97%	b	--	--	--	\$12,900
Heart Failure Δ	--	--	87%	b	--	--	--	\$7,250
Stroke ‡	--	--	10.26	b	--	--	--	\$12,500
Obstetrics								
Normal Newborn	--	--	--	\$\$\$	\$1,100	\$1,400	\$2,300	\$1,200
Vaginal Delivery	--	--	--	\$	\$2,400	\$3,500	\$5,000	\$3,700
Outpatient Diagnostic Procedure								
CT Scan of Abdomen w Contrast	--	--	--	\$\$\$\$	\$1,025	\$1,425	\$1,875	\$525
CT Scan of Abdomen w/o Contrast	--	--	--	\$\$\$\$	\$850	\$1,175	\$1,525	\$350
CT Scan of Head w/o Contrast	--	--	--	\$\$\$\$	\$850	\$1,175	\$1,525	\$350
Doppler Echocardiography	--	--	--	\$\$\$\$	\$450	\$625	\$775	\$200
Echocardiography w Image Documentation	--	--	--	\$\$\$\$	\$575	\$775	\$975	\$350
Mammogram Screening	--	--	--	\$\$\$\$	\$225	\$225	\$275	\$100
MRI of Joint of Lower Extremity	--	--	--	\$\$\$\$	\$1,825	\$1,950	\$2,525	\$750
MRI of Lumbar Spine w/o contrast	--	--	--	\$\$\$\$	\$1,575	\$2,175	\$2,825	\$775
Ultrasound (After 1st Trimester)	--	--	--	\$\$\$\$	\$225	\$300	\$300	\$225
X-Ray of Chest	--	--	--	\$\$\$\$	\$240	\$340	\$440	\$90
Respiratory								
Pneumonia Δ	--	--	91%	b	--	--	--	\$5,700
How Patients Rate the Hospital Overall Δ								
	--	--	64%					

Note: Unless otherwise noted, the service was provided in an inpatient setting.

‡ Outcome/ mortality measure - quality score indicates mortality rate for this measure for this hospital

Δ Process measure - measures whether the hospital did what it was supposed to do in treating a patient and quality score indicates how the hospital compares to other hospitals

-- No measure available

a Insufficient data to support a ranking for this hospital on this quality measure

b Insufficient data to support a ranking for this hospital on this cost measure

c Cost not reported for this measure for this hospital

d Statewide rates not reported for this hospital

Leapfrog Quality Ratings for Nantucket Cottage Hospital

Measure	Rating	Status
No ratings for this hospital		

Nashoba Valley Medical Center

Measure by Category	Quality			Cost				
	Rating	Score	Statewide Score	Rating	15th Percentile	Median	85th Percentile	Statewide Median
Bone and Joint Care								
Hip Fracture	--	--	2.40	b	--	--	--	\$20,000
Hip Replacement ‡	--	--	0.11	b	--	--	--	\$19,250
Heart Care								
Heart Attack Δ	++	95%	97%	b	--	--	--	\$12,900
Heart Failure Δ	++	87%	87%	b	--	--	--	\$7,250
Stroke ‡	--	--	10.26	b	--	--	--	\$12,500
Outpatient Diagnostic Procedure								
CT Scan of Abdomen w Contrast	--	--	--	\$	\$225	\$450	\$450	\$525
CT Scan of Abdomen w/o Contrast	--	--	--	\$	\$175	\$300	\$350	\$350
CT Scan of Chest w Contrast	--	--	--	\$	\$275	\$450	\$475	\$525
CT Scan of Chest w/o Contrast	--	--	--	\$	\$250	\$350	\$375	\$425
CT Scan of Head w/o Contrast	--	--	--	\$	\$250	\$275	\$350	\$350
Doppler Echocardiography	--	--	--	\$	\$125	\$125	\$175	\$200
MRI of Brain w/o contrast	--	--	--	\$	\$575	\$625	\$700	\$825
MRI of Joint of Lower Extremity	--	--	--	\$	\$500	\$575	\$700	\$750
MRI of Lumbar Spine w/o contrast	--	--	--	\$	\$575	\$575	\$775	\$775
Myocardial Perfusion Imaging	--	--	--	\$	\$625	\$700	\$875	\$825
X-Ray of Chest	--	--	--	\$	\$40	\$80	\$90	\$90
Respiratory								
Pneumonia Δ	++	89%	91%	b	--	--	--	\$5,700
How Patients Rate the Hospital Overall Δ								
	++	61%	64%					

Note: Unless otherwise noted, the service was provided in an inpatient setting.

‡ Outcome/ mortality measure - quality score indicates mortality rate for this measure for this hospital

Δ Process measure - measures whether the hospital did what it was supposed to do in treating a patient and quality score indicates how the hospital compares to other hospitals

-- No measure available

a Insufficient data to support a ranking for this hospital on this quality measure

b Insufficient data to support a ranking for this hospital on this cost measure

c Cost not reported for this measure for this hospital

d Statewide rates not reported for this hospital

Leapfrog Quality Ratings for Nashoba Valley Medical Center

Measure

No ratings for this hospital

New England Baptist Hospital

Measure by Category	Quality			Cost				
	Rating	Score	Statewide Score	Rating	15th Percentile	Median	85th Percentile	Statewide Median
Bone and Joint Care								
Back and Neck Procedures (Except Spinal Fusion)	--	--	--	\$\$\$	\$5,600	\$8,300	\$10,700	\$7,700
Hip Fracture	--	--	2.40	b	--	--	--	\$20,000
Hip Replacement ‡	+	0.20	0.11	\$\$\$	\$18,000	\$21,500	\$24,500	\$19,250
Knee Replacement	--	--	--	\$\$\$	\$16,500	\$18,500	\$26,500	\$16,000
Spinal Fusion	--	--	--	b	\$17,500	\$25,500	\$47,500	\$25,000
Heart Care								
Heart Attack Δ	--	100%	97%	b	--	--	--	\$12,900
Heart Failure Δ	+++	92%	87%	b	--	--	--	\$7,250
Stroke ‡	--	--	10.26	b	--	--	--	\$12,500
Outpatient Diagnostic Procedure								
CT Scan of Abdomen w/o Contrast	--	--	--	\$\$\$	\$175	\$350	\$400	\$350
CT Scan of Chest w/o Contrast	--	--	--	\$	\$350	\$400	\$425	\$425
CT Scan of Head w/o Contrast	--	--	--	\$\$\$	\$325	\$350	\$375	\$350
Doppler Echocardiography	--	--	--	\$	\$150	\$150	\$225	\$200
Echocardiography w Image Documentation	--	--	--	\$	\$250	\$275	\$325	\$350
MRI of Brain w/o contrast	--	--	--	\$	\$675	\$700	\$825	\$825
MRI of Joint of Lower Extremity	--	--	--	\$	\$600	\$625	\$825	\$750
MRI of Lumbar Spine w/o contrast	--	--	--	\$	\$675	\$700	\$900	\$775
X-Ray of Chest	--	--	--	\$\$\$	\$70	\$100	\$100	\$90
Respiratory								
Pneumonia Δ	+++	94%	91%	b	--	--	--	\$5,700
How Patients Rate the Hospital Overall Δ								
	++++	84%	64%					

Note: Unless otherwise noted, the service was provided in an inpatient setting.

‡ Outcome/ mortality measure - quality score indicates mortality rate for this measure for this hospital

Δ Process measure - measures whether the hospital did what it was supposed to do in treating a patient and quality score indicates how the hospital compares to other hospitals

-- No measure available

a Insufficient data to support a ranking for this hospital on this quality measure

b Insufficient data to support a ranking for this hospital on this cost measure

c Cost not reported for this measure for this hospital

d Statewide rates not reported for this hospital

Leapfrog Quality Ratings for New England Baptist Hospital

Measure	Rating	Status
No ratings for this hospital		

Newton-Wellesley Hospital

Measure by Category	Quality			Cost				
	Rating	Score	Statewide Score	Rating	15th Percentile	Median	85th Percentile	Statewide Median
Bone and Joint Care								
Back and Neck Procedures (Except Spinal Fusion)	--	--	--	\$\$	\$5,700	\$7,700	\$8,900	\$7,700
Hip Fracture	++	2 22	2.40	b	--	--	--	\$20,000
Hip Replacement ‡	++++	0 00	0.11	\$\$	\$19,000	\$19,000	\$24,000	\$19,250
Knee Replacement	--	--	--	\$\$\$	\$16,500	\$18,000	\$27,500	\$16,000
Digestive System								
Gall Bladder	--	--	--	\$\$\$	\$5,800	\$8,700	\$12,600	\$8,000
Intestinal Surgery	--	--	--	\$\$	\$13,000	\$14,000	\$28,500	\$14,750
Weight Loss Surgery	--	--	--	\$\$\$	\$8,500	\$13,500	\$14,000	\$13,000
Heart Care								
Heart Attack Δ	++++	99%	97%	b	--	--	--	\$12,900
Heart Failure Δ	++++	96%	87%	b	--	--	--	\$7,250
Stroke ‡	++++	6.47	10 26	b	--	--	--	\$12,500
Obstetrics								
Cesarean Section	--	--	--	\$\$\$	\$5,500	\$6,500	\$7,800	\$5,750
Normal Newborn	--	--	--	\$\$\$	\$1,200	\$1,300	\$1,400	\$1,200
Vaginal Delivery	--	--	--	\$\$\$	\$3,600	\$4,100	\$5,100	\$3,700
Outpatient Diagnostic Procedure								
CT Scan of Abdomen w Contrast	--	--	--	\$\$\$	\$225	\$550	\$575	\$525
CT Scan of Abdomen w/o Contrast	--	--	--	\$\$\$	\$200	\$350	\$500	\$350
CT Scan of Chest w Contrast	--	--	--	\$\$\$	\$450	\$525	\$625	\$525
CT Scan of Chest w/o Contrast	--	--	--	\$\$\$	\$400	\$425	\$525	\$425
CT Scan of Head w/o Contrast	--	--	--	\$\$\$	\$350	\$350	\$425	\$350
Doppler Echocardiography	--	--	--	\$\$	\$150	\$175	\$250	\$200
Echocardiography w Image Documentation	--	--	--	\$\$\$	\$250	\$325	\$450	\$350
Mammogram Screening	--	--	--	\$\$\$	\$100	\$125	\$150	\$100
Myocardial Perfusion Imaging	--	--	--	\$\$\$	\$775	\$775	\$1,350	\$825
Ultrasound (1st Trimester)	--	--	--	\$\$	\$100	\$125	\$175	\$150
Ultrasound (After 1st Trimester)	--	--	--	\$\$\$	\$175	\$225	\$250	\$225
X-Ray of Chest	--	--	--	\$\$\$	\$80	\$100	\$100	\$90
Respiratory								
Pneumonia Δ	+++	92%	91%	b	--	--	--	\$5,700
How Patients Rate the Hospital Overall Δ								
	++++	71%	64%					

Note: Unless otherwise noted, the service was provided in an inpatient setting.

‡ Outcome/ mortality measure - quality score indicates mortality rate for this measure for this hospital
 Δ Process measure - measures whether the hospital did what it was supposed to do in treating a patient
 and quality score indicates how the hospital compares to other hospitals
 -- No measure available

a Insufficient data to support a ranking for this hospital on this quality measure
 b Insufficient data to support a ranking for this hospital on this cost measure
 c Cost not reported for this measure for this hospital
 d Statewide rates not reported for this hospital

Leapfrog Quality Ratings for Newton-Wellesley Hospital

Measure	Rating	Status
Managing Serious Errors (Never Events)	☆☆☆☆	Fully implemented
Patient Safety Practices Composite Score	☆☆☆	Good progress
Requires Staff to Use Computers	☆☆☆☆	Fully implemented
Use of Intensivists in ICUs	☆☆☆☆	Fully implemented
Weight Loss Surgery Treatment	☆☆☆	Good progress

Noble Hospital

Measure by Category	Quality			Cost				
	Rating	Score	Statewide Score	Rating	15th Percentile	Median	85th Percentile	Statewide Median
Bone and Joint Care								
Hip Fracture	--	--	2.40	b	--	--	--	\$20,000
Hip Replacement ‡	--	--	0.11	b	--	--	--	\$19,250
Heart Care								
Heart Attack Δ	++++	99%	97%	b	--	--	--	\$12,900
Heart Failure Δ	++	87%	87%	b	--	--	--	\$7,250
Stroke ‡	+	15.45	10.26	b	--	--	--	\$12,500
Outpatient Diagnostic Procedure								
CT Scan of Abdomen w Contrast	--	--	--	\$	\$325	\$425	\$450	\$525
CT Scan of Abdomen w/o Contrast	--	--	--	\$	\$275	\$275	\$300	\$350
CT Scan of Chest w Contrast	--	--	--	\$	\$350	\$400	\$475	\$525
CT Scan of Chest w/o Contrast	--	--	--	\$	\$275	\$300	\$350	\$425
CT Scan of Head w/o Contrast	--	--	--	\$	\$225	\$250	\$300	\$350
Echocardiography w Image Documentation	--	--	--	\$	\$175	\$225	\$250	\$350
Mammogram Screening	--	--	--	\$	\$75	\$100	\$100	\$100
MRI of Brain w/o contrast	--	--	--	\$	\$525	\$600	\$750	\$825
MRI of Joint of Lower Extremity	--	--	--	\$	\$450	\$500	\$750	\$750
MRI of Lumbar Spine w/o contrast	--	--	--	\$	\$525	\$550	\$725	\$775
X-Ray of Chest	--	--	--	\$	\$40	\$70	\$80	\$90
Respiratory								
Pneumonia Δ	+++	93%	91%	b	--	--	--	\$5,700
How Patients Rate the Hospital Overall Δ								
	+++	66%	64%					

Note: Unless otherwise noted, the service was provided in an inpatient setting.

‡ Outcome/ mortality measure - quality score indicates mortality rate for this measure for this hospital

Δ Process measure - measures whether the hospital did what it was supposed to do in treating a patient and quality score indicates how the hospital compares to other hospitals

-- No measure available

a Insufficient data to support a ranking for this hospital on this quality measure

b Insufficient data to support a ranking for this hospital on this cost measure

c Cost not reported for this measure for this hospital

d Statewide rates not reported for this hospital

Leapfrog Quality Ratings for Noble Hospital

Measure

Managing Serious Errors (Never Events)
 Patient Safety Practices Composite Score
 Reduce In-Hospital Injuries
 Reduce Pressure Ulcers
 Requires Staff to Use Computers
 Use of Intensivists in ICUs

☆☆☆
 ☆☆☆
 ☆
 ☆☆☆
 ☆
 ☆

Fully implemented
 Good progress
 Willing to report publicly
 Fully implemented
 Willing to report publicly
 Willing to report publicly

North Adams Regional Hospital

Measure by Category	Quality			Cost				
	Rating	Score	Statewide Score	Rating	15th Percentile	Median	85th Percentile	Statewide Median
Bone and Joint Care								
Hip Fracture	++	3.02	2.40	b	--	--	--	\$20,000
Hip Replacement ‡	--	--	0.11	b	--	--	--	\$19,250
Heart Care								
Heart Attack Δ	++	93%	97%	b	--	--	--	\$12,900
Heart Failure Δ	++++	95%	87%	b	--	--	--	\$7,250
Stroke ‡	++	11.56	10.26	b	--	--	--	\$12,500
Obstetrics								
Cesarean Section	--	--	--	\$\$	\$5,300	\$5,700	\$7,200	\$5,750
Normal Newborn	--	--	--	\$\$	\$1,100	\$1,100	\$2,000	\$1,200
Vaginal Delivery	--	--	--	\$\$	\$3,300	\$3,500	\$4,600	\$3,700
Outpatient Diagnostic Procedure								
CT Scan of Abdomen w Contrast	--	--	--	\$\$\$	\$525	\$550	\$550	\$525
CT Scan of Abdomen w/o Contrast	--	--	--	\$\$\$	\$350	\$350	\$425	\$350
CT Scan of Chest w Contrast	--	--	--	\$\$\$	\$500	\$525	\$550	\$525
CT Scan of Chest w/o Contrast	--	--	--	\$\$	\$400	\$400	\$450	\$425
CT Scan of Head w/o Contrast	--	--	--	\$\$\$	\$325	\$350	\$400	\$350
Doppler Echocardiography	--	--	--	\$\$	\$150	\$150	\$250	\$200
Echocardiography w Image Documentation	--	--	--	\$\$	\$250	\$250	\$350	\$350
Mammogram Screening	--	--	--	\$\$\$	\$125	\$125	\$125	\$100
MRI of Brain w/o contrast	--	--	--	\$\$	\$675	\$675	\$850	\$825
MRI of Joint of Lower Extremity	--	--	--	\$\$	\$575	\$600	\$900	\$750
MRI of Lumbar Spine w/o contrast	--	--	--	\$\$	\$650	\$675	\$1,000	\$775
Myocardial Perfusion Imaging	--	--	--	\$\$	\$725	\$750	\$1,800	\$825
Ultrasound (After 1st Trimester)	--	--	--	\$\$	\$150	\$200	\$200	\$225
X-Ray of Chest	--	--	--	\$\$\$	\$50	\$100	\$100	\$90
Respiratory								
Pneumonia Δ	++	91%	91%	b	--	--	--	\$5,700
How Patients Rate the Hospital Overall Δ								
	++	62%	64%					

Note: Unless otherwise noted, the service was provided in an inpatient setting.

‡ Outcome/ mortality measure - quality score indicates mortality rate for this measure for this hospital

Δ Process measure - measures whether the hospital did what it was supposed to do in treating a patient and quality score indicates how the hospital compares to other hospitals

-- No measure available

a Insufficient data to support a ranking for this hospital on this quality measure

b Insufficient data to support a ranking for this hospital on this cost measure

c Cost not reported for this measure for this hospital

d Statewide rates not reported for this hospital

Leapfrog Quality Ratings for North Adams Regional Hospital

Measure	Rating	Status
Managing Serious Errors (Never Events)	☆☆☆☆	Fully implemented
Patient Safety Practices Composite Score	☆☆☆☆	Good progress
Reduce In-Hospital Injuries	☆☆☆☆	Fully implemented
Reduce Pressure Ulcers	☆☆☆☆	Good progress
Requires Staff to Use Computers	☆☆	Good early stage effort
Use of Intensivists in ICUs	☆	Willing to report publicly

Northeast Hospital - Addison Gilbert

Measure by Category	Quality			Cost				
	Rating	Score	Statewide Score	Rating	15th Percentile	Median	85th Percentile	Statewide Median
Bone and Joint Care								
Hip Fracture	--	--	2.40	b	--	--	--	\$20,000
Hip Replacement ‡	--	--	0.11	\$	\$16,000	\$19,000	\$23,000	\$19,250
Knee Replacement	--	--	--	\$	\$14,000	\$16,000	\$24,000	\$16,000
Digestive System								
Gall Bladder	--	--	--	\$	\$5,400	\$7,900	\$10,300	\$8,000
Intestinal Surgery	--	--	--	\$	\$12,000	\$14,000	\$30,000	\$14,750
Heart Care								
Heart Attack Δ	++++	99%	97%	b	--	--	--	\$12,900
Heart Failure Δ	+++	94%	87%	b	--	--	--	\$7,250
Stroke ‡	+++	7 57	10 26	b	--	--	--	\$12,500
Obstetrics								
Cesarean Section	--	--	--	b	--	--	--	\$5,750
Normal Newborn	--	--	--	b	--	--	--	\$1,200
Vaginal Delivery	--	--	--	b	--	--	--	\$3,700
Outpatient Diagnostic Procedure								
CT Scan of Abdomen w Contrast	--	--	--	\$\$\$	\$225	\$625	\$625	\$525
CT Scan of Abdomen w/o Contrast	--	--	--	\$\$\$	\$200	\$525	\$525	\$350
CT Scan of Chest w Contrast	--	--	--	\$\$\$	\$450	\$500	\$650	\$525
CT Scan of Chest w/o Contrast	--	--	--	\$	\$350	\$400	\$525	\$425
CT Scan of Head w/o Contrast	--	--	--	\$\$\$	\$325	\$350	\$425	\$350
Doppler Echocardiography	--	--	--	\$	\$175	\$175	\$275	\$200
Echocardiography w Image Documentation	--	--	--	\$\$\$	\$300	\$300	\$450	\$350
Mammogram Screening	--	--	--	\$	\$75	\$100	\$150	\$100
Myocardial Perfusion Imaging	--	--	--	\$\$\$	\$700	\$775	\$1,075	\$825
Ultrasound (1st Trimester)	--	--	--	\$\$\$	\$100	\$150	\$150	\$150
Ultrasound (After 1st Trimester)	--	--	--	\$	\$175	\$200	\$225	\$225
X-Ray of Chest	--	--	--	\$\$\$	\$70	\$100	\$100	\$90
Respiratory								
Chronic Obstructive Pulmonary Disease (COPD)	--	--	--	\$\$\$	\$4,600	\$5,000	\$8,500	\$4,700
Pneumonia Δ	++++	95%	91%	\$	\$3,900	\$5,700	\$10,300	\$5,700
How Patients Rate the Hospital Overall Δ								
	+++	68%	64%					

Note: Unless otherwise noted, the service was provided in an inpatient setting.

‡ Outcome/ mortality measure - quality score indicates mortality rate for this measure for this hospital

Δ Process measure - measures whether the hospital did what it was supposed to do in treating a patient and quality score indicates how the hospital compares to other hospitals

-- No measure available

a Insufficient data to support a ranking for this hospital on this quality measure

b Insufficient data to support a ranking for this hospital on this cost measure

c Cost not reported for this measure for this hospital

d Statewide rates not reported for this hospital

Leapfrog Quality Ratings for Northeast Hospital - Addison Gilbert

Measure	Rating	Status
Managing Serious Errors (Never Events)	☆☆☆☆	Fully implemented
Patient Safety Practices Composite Score	☆☆	Good early stage effort
Reduce In-Hospital Injuries	☆	Willing to report publicly
Requires Staff to Use Computers	☆☆	Good early stage effort
Use of Intensivists in ICUs	☆	Willing to report publicly

Northeast Hospital - Beverly

Measure by Category	Quality			Cost				
	Rating	Score	Statewide Score	Rating	15th Percentile	Median	85th Percentile	Statewide Median
Bone and Joint Care								
Hip Fracture	+++	1 87	2.40	b	--	--	--	\$20,000
Hip Replacement ‡	+	0 57	0.11	\$	\$16,000	\$19,000	\$23,000	\$19,250
Knee Replacement	--	--	--	\$	\$14,000	\$16,000	\$24,000	\$16,000
Digestive System								
Gall Bladder	--	--	--	\$	\$5,400	\$7,900	\$10,300	\$8,000
Intestinal Surgery	--	--	--	\$	\$12,000	\$14,000	\$30,000	\$14,750
Heart Care								
Heart Attack Δ	++++	99%	97%	b	--	--	--	\$12,900
Heart Failure Δ	+++	94%	87%	b	--	--	--	\$7,250
Stroke ‡	++	11.52	10 26	b	--	--	--	\$12,500
Obstetrics								
Cesarean Section	--	--	--	\$	\$5,400	\$6,100	\$7,200	\$5,750
Normal Newborn	--	--	--	\$	\$1,100	\$1,200	\$1,300	\$1,200
Vaginal Delivery	--	--	--	\$	\$3,400	\$3,900	\$4,800	\$3,700
Outpatient Diagnostic Procedure								
CT Scan of Abdomen w Contrast	--	--	--	\$	\$225	\$625	\$625	\$525
CT Scan of Abdomen w/o Contrast	--	--	--	\$	\$200	\$525	\$525	\$350
CT Scan of Chest w Contrast	--	--	--	\$	\$450	\$500	\$650	\$525
CT Scan of Chest w/o Contrast	--	--	--	\$	\$350	\$400	\$525	\$425
CT Scan of Head w/o Contrast	--	--	--	\$	\$325	\$350	\$425	\$350
Doppler Echocardiography	--	--	--	\$	\$175	\$175	\$275	\$200
Echocardiography w Image Documentation	--	--	--	\$	\$300	\$300	\$450	\$350
Mammogram Screening	--	--	--	\$	\$75	\$100	\$150	\$100
Myocardial Perfusion Imaging	--	--	--	\$	\$700	\$775	\$1,075	\$825
Ultrasound (1st Trimester)	--	--	--	\$	\$100	\$150	\$150	\$150
Ultrasound (After 1st Trimester)	--	--	--	\$	\$175	\$200	\$225	\$225
X-Ray of Chest	--	--	--	\$	\$70	\$100	\$100	\$90
Respiratory								
Chronic Obstructive Pulmonary Disease (COPD)	--	--	--	\$	\$4,600	\$5,000	\$8,500	\$4,700
Pneumonia Δ	++++	95%	91%	\$	\$3,900	\$5,700	\$10,300	\$5,700
How Patients Rate the Hospital Overall Δ								
	+++	68%	64%					

Note: Unless otherwise noted, the service was provided in an inpatient setting.

‡ Outcome/ mortality measure - quality score indicates mortality rate for this measure for this hospital

Δ Process measure - measures whether the hospital did what it was supposed to do in treating a patient and quality score indicates how the hospital compares to other hospitals

-- No measure available

a Insufficient data to support a ranking for this hospital on this quality measure

b Insufficient data to support a ranking for this hospital on this cost measure

c Cost not reported for this measure for this hospital

d Statewide rates not reported for this hospital

Leapfrog Quality Ratings for Northeast Hospital - Beverly

Measure	Rating	Status
Managing Serious Errors (Never Events)	☆☆☆☆	Fully implemented
Patient Safety Practices Composite Score	☆☆	Good early stage effort
Reduce In-Hospital Injuries	☆	Willing to report publicly
Reduce Pressure Ulcers	☆	Willing to report publicly
Requires Staff to Use Computers	☆☆	Good early stage effort
Use of Intensivists in ICUs	☆☆☆☆	Fully implemented

North Shore Medical Center - Salem

Measure by Category	Quality			Cost				
	Rating	Score	Statewide Score	Rating	15th Percentile	Median	85th Percentile	Statewide Median
Bone and Joint Care								
Back and Neck Procedures (Except Spinal Fusion)	--	--	--	\$\$\$	\$7,200	\$8,100	\$9,500	\$7,700
Hip Fracture	+++	1 57	2.40	b	--	--	--	\$20,000
Hip Replacement ‡	++++	0 00	0.11	\$\$\$	\$16,500	\$19,500	\$25,000	\$19,250
Knee Replacement	--	--	--	\$\$\$	\$16,000	\$17,000	\$23,000	\$16,000
Spinal Fusion	--	--	--	b	\$21,500	\$22,000	\$41,500	\$25,000
Digestive System								
Gall Bladder	--	--	--	\$\$\$	\$7,200	\$8,100	\$12,000	\$8,000
Intestinal Surgery	--	--	--	\$\$\$	\$11,500	\$15,000	\$39,500	\$14,750
Weight Loss Surgery	--	--	--	\$\$\$	\$7,500	\$13,500	\$14,500	\$13,000
Heart Care								
Angioplasty ‡	a	0.44	d	b	--	--	--	\$22,000
Bypass Surgery ‡	a	1 22	d	b	--	--	--	\$43,500
Heart Attack Δ	+++	98%	97%	b	--	--	--	\$12,900
Heart Failure Δ	++++	97%	87%	b	--	--	--	\$7,250
Stroke ‡	++	11.21	10 26	b	--	--	--	\$12,500
Obstetrics								
Cesarean Section	--	--	--	\$\$\$	\$5,700	\$6,500	\$7,900	\$5,750
Normal Newborn	--	--	--	\$\$\$	\$1,100	\$1,300	\$1,300	\$1,200
Vaginal Delivery	--	--	--	\$\$\$	\$3,500	\$4,100	\$5,100	\$3,700
Outpatient Diagnostic Procedure								
CT Scan of Abdomen w Contrast	--	--	--	\$\$\$	\$450	\$550	\$625	\$525
CT Scan of Abdomen w/o Contrast	--	--	--	\$\$\$	\$350	\$350	\$525	\$350
CT Scan of Chest w Contrast	--	--	--	\$\$\$	\$500	\$625	\$650	\$525
CT Scan of Chest w/o Contrast	--	--	--	\$	\$400	\$400	\$550	\$425
CT Scan of Head w/o Contrast	--	--	--	\$\$\$	\$350	\$350	\$425	\$350
Doppler Echocardiography	--	--	--	\$	\$175	\$175	\$275	\$200
Echocardiography w Image Documentation	--	--	--	\$\$\$	\$300	\$300	\$375	\$350
Mammogram Screening	--	--	--	\$\$\$	\$125	\$125	\$150	\$100
Myocardial Perfusion Imaging	--	--	--	\$	\$750	\$750	\$1,075	\$825
Ultrasound (1st Trimester)	--	--	--	\$\$\$	\$125	\$150	\$150	\$150
Ultrasound (After 1st Trimester)	--	--	--	\$\$\$	\$175	\$250	\$250	\$225
X-Ray of Chest	--	--	--	\$\$\$	\$60	\$100	\$100	\$90
Outpatient Radiation								
Radiation Treatment: 3 or More Areas (6-10 MeV)	--	--	--	\$\$\$	\$250	\$300	\$300	\$275
Radiation Treatment: Intensity Modulated (Per Session)	--	--	--	\$	\$600	\$800	\$800	\$1,200
Respiratory								
Pneumonia Δ	++	91%	91%	\$	\$3,700	\$5,700	\$10,600	\$5,700
How Patients Rate the Hospital Overall Δ								
	+	58%	64%					

Note: Unless otherwise noted, the service was provided in an inpatient setting.

‡ Outcome/ mortality measure - quality score indicates mortality rate for this measure for this hospital

Δ Process measure - measures whether the hospital did what it was supposed to do in treating a patient and quality score indicates how the hospital compares to other hospitals

-- No measure available

a Insufficient data to support a ranking for this hospital on this quality measure

b Insufficient data to support a ranking for this hospital on this cost measure

c Cost not reported for this measure for this hospital

d Statewide rates not reported for this hospital

Leapfrog Quality Ratings for North Shore Medical Center - Salem

Measure	Rating	Status
Aortic Valve Replacement High Risk Treatment	☆☆☆	Good progress
Managing Serious Errors (Never Events)	☆☆☆☆	Fully implemented
Patient Safety Practices Composite Score	☆☆☆☆	Fully implemented
Requires Staff to Use Computers	☆☆	Good early stage effort
Use of Intensivists in ICUs	☆☆☆☆	Fully implemented
Weight Loss Surgery Treatment	☆☆	Good early stage effort

North Shore Medical Center - Union

Measure by Category	Quality			Cost				
	Rating	Score	Statewide Score	Rating	15th Percentile	Median	85th Percentile	Statewide Median
Bone and Joint Care								
Back and Neck Procedures (Except Spinal Fusion)	--	--	--	\$\$\$	\$7,200	\$8,100	\$9,500	\$7,700
Hip Fracture	++++	0.86	2.40	b	--	--	--	\$20,000
Hip Replacement ‡	++++	0.00	0.11	\$\$\$	\$16,500	\$19,500	\$25,000	\$19,250
Knee Replacement	--	--	--	\$\$\$	\$16,000	\$17,000	\$23,000	\$16,000
Spinal Fusion	--	--	--	b	\$21,500	\$22,000	\$41,500	\$25,000
Digestive System								
Gall Bladder	--	--	--	\$\$\$	\$7,200	\$8,100	\$12,000	\$8,000
Intestinal Surgery	--	--	--	\$\$\$	\$11,500	\$15,000	\$39,500	\$14,750
Weight Loss Surgery	--	--	--	b	--	--	--	\$13,000
Heart Care								
Heart Attack Δ	+++	98%	97%	b	--	--	--	\$12,900
Heart Failure Δ	++++	97%	87%	b	--	--	--	\$7,250
Stroke ‡	++	11.14	10.26	b	--	--	--	\$12,500
Obstetrics								
Cesarean Section	--	--	--	b	--	--	--	\$5,750
Normal Newborn	--	--	--	b	--	--	--	\$1,200
Vaginal Delivery	--	--	--	b	--	--	--	\$3,700
Outpatient Diagnostic Procedure								
CT Scan of Abdomen w Contrast	--	--	--	\$\$\$	\$450	\$550	\$625	\$525
CT Scan of Abdomen w/o Contrast	--	--	--	\$\$\$	\$350	\$350	\$525	\$350
CT Scan of Chest w Contrast	--	--	--	\$\$\$	\$500	\$525	\$650	\$525
CT Scan of Chest w/o Contrast	--	--	--	\$\$	\$400	\$400	\$550	\$425
CT Scan of Head w/o Contrast	--	--	--	\$\$\$	\$350	\$350	\$425	\$350
Doppler Echocardiography	--	--	--	\$\$	\$175	\$175	\$275	\$200
Echocardiography w Image Documentation	--	--	--	\$\$\$	\$300	\$300	\$375	\$350
Mammogram Screening	--	--	--	\$\$\$	\$125	\$125	\$150	\$100
Myocardial Perfusion Imaging	--	--	--	\$\$	\$750	\$750	\$1,075	\$825
Ultrasound (1st Trimester)	--	--	--	\$\$\$	\$125	\$150	\$150	\$150
Ultrasound (After 1st Trimester)	--	--	--	\$\$\$	\$175	\$250	\$250	\$225
X-Ray of Chest	--	--	--	\$\$\$	\$60	\$100	\$100	\$90
Outpatient Radiation								
Radiation Treatment: 3 or More Areas (6-10 MeV)	--	--	--	\$\$\$	\$250	\$300	\$300	\$275
Radiation Treatment: Intensity Modulated (Per Session)	--	--	--	\$\$	\$600	\$800	\$800	\$1,200
Respiratory								
Pneumonia Δ	++	91%	91%	\$\$	\$3,700	\$5,700	\$10,600	\$5,700
How Patients Rate the Hospital Overall Δ								
	+	58%	64%					

Note: Unless otherwise noted, the service was provided in an inpatient setting.

‡ Outcome/ mortality measure - quality score indicates mortality rate for this measure for this hospital

Δ Process measure - measures whether the hospital did what it was supposed to do in treating a patient and quality score indicates how the hospital compares to other hospitals

-- No measure available

a Insufficient data to support a ranking for this hospital on this quality measure

b Insufficient data to support a ranking for this hospital on this cost measure

c Cost not reported for this measure for this hospital

d Statewide rates not reported for this hospital

Leapfrog Quality Ratings for North Shore Medical Center - Union

Measure	Rating	Status
Managing Serious Errors (Never Events)	☆☆☆☆	Fully implemented
Patient Safety Practices Composite Score	☆☆☆☆	Fully implemented
Requires Staff to Use Computers	☆☆	Good early stage effort
Use of Intensivists in ICUs	☆☆☆☆	Fully implemented

Quincy Medical Center

Measure by Category	Quality			Cost				
	Rating	Score	Statewide Score	Rating	15th Percentile	Median	85th Percentile	Statewide Median
Bone and Joint Care								
Hip Fracture	+++	1.77	2.40	b	--	--	--	\$20,000
Hip Replacement ‡	++++	0.00	0.11	b	--	--	--	\$19,250
Heart Care								
Heart Attack Δ	+++	98%	97%	b	--	--	--	\$12,900
Heart Failure Δ	++	85%	87%	b	--	--	--	\$7,250
Stroke ‡	++	11.76	10.26	b	--	--	--	\$12,500
Outpatient Diagnostic Procedure								
CT Scan of Abdomen w Contrast	--	--	--	\$	\$125	\$425	\$450	\$525
CT Scan of Abdomen w/o Contrast	--	--	--	\$	\$125	\$275	\$375	\$350
CT Scan of Chest w Contrast	--	--	--	\$	\$225	\$400	\$475	\$525
CT Scan of Chest w/o Contrast	--	--	--	\$	\$225	\$325	\$350	\$425
CT Scan of Head w/o Contrast	--	--	--	\$	\$225	\$275	\$325	\$350
Doppler Echocardiography	--	--	--	\$	\$125	\$150	\$200	\$200
Echocardiography w Image Documentation	--	--	--	\$	\$250	\$250	\$325	\$350
Mammogram Screening	--	--	--	\$	\$50	\$100	\$100	\$100
MRI of Brain w/o contrast	--	--	--	\$	\$400	\$400	\$575	\$825
MRI of Joint of Lower Extremity	--	--	--	\$	\$400	\$400	\$550	\$750
MRI of Lumbar Spine w/o contrast	--	--	--	\$	\$450	\$450	\$625	\$775
Myocardial Perfusion Imaging	--	--	--	\$	\$600	\$625	\$800	\$825
X-Ray of Chest	--	--	--	\$	\$40	\$80	\$80	\$90
Respiratory								
Pneumonia Δ	+++	92%	91%	b	--	--	--	\$5,700
How Patients Rate the Hospital Overall Δ								
	+	54%	64%					

Note: Unless otherwise noted, the service was provided in an inpatient setting.

‡ Outcome/ mortality measure - quality score indicates mortality rate for this measure for this hospital

Δ Process measure - measures whether the hospital did what it was supposed to do in treating a patient and quality score indicates how the hospital compares to other hospitals

-- No measure available

a Insufficient data to support a ranking for this hospital on this quality measure

b Insufficient data to support a ranking for this hospital on this cost measure

c Cost not reported for this measure for this hospital

d Statewide rates not reported for this hospital

Leapfrog Quality Ratings for Quincy Medical Center

Measure

Aortic Valve Replacement High Risk Treatment

☆

Willing to report publicly

Managing Serious Errors (Never Events)

☆☆☆☆

Fully implemented

Patient Safety Practices Composite Score

☆

Willing to report publicly

Reduce In-Hospital Injuries

☆

Willing to report publicly

Reduce Pressure Ulcers

☆☆☆

Good progress

Requires Staff to Use Computers

☆☆

Good early stage effort

Use of Intensivists in ICUs

☆

Willing to report publicly

Saint Anne's Hospital

Measure by Category	Quality			Cost				
	Rating	Score	Statewide Score	Rating	15th Percentile	Median	85th Percentile	Statewide Median
Bone and Joint Care								
Hip Fracture	--	--	2.40	b	--	--	--	\$20,000
Hip Replacement ‡	--	--	0.11	b	--	--	--	\$19,250
Heart Care								
Heart Attack Δ	+++	97%	97%	b	--	--	--	\$12,900
Heart Failure Δ	++	80%	87%	b	--	--	--	\$7,250
Stroke ‡	+++	8.59	10.26	b	--	--	--	\$12,500
Outpatient Diagnostic Procedure								
CT Scan of Abdomen w Contrast	--	--	--	\$\$	\$425	\$450	\$450	\$525
CT Scan of Abdomen w/o Contrast	--	--	--	\$	\$275	\$275	\$375	\$350
CT Scan of Chest w Contrast	--	--	--	\$\$	\$425	\$425	\$475	\$525
CT Scan of Chest w/o Contrast	--	--	--	\$	\$325	\$325	\$400	\$425
CT Scan of Head w/o Contrast	--	--	--	\$	\$275	\$275	\$325	\$350
Doppler Echocardiography	--	--	--	\$\$	\$125	\$150	\$200	\$200
Echocardiography w Image Documentation	--	--	--	\$	\$225	\$225	\$375	\$350
Mammogram Screening	--	--	--	\$\$	\$100	\$100	\$100	\$100
MRI of Brain w/o contrast	--	--	--	\$	\$550	\$550	\$750	\$825
MRI of Joint of Lower Extremity	--	--	--	b	--	--	--	\$750
MRI of Lumbar Spine w/o contrast	--	--	--	\$	\$550	\$550	\$850	\$775
Myocardial Perfusion Imaging	--	--	--	\$\$	\$625	\$625	\$800	\$825
X-Ray of Chest	--	--	--	\$\$	\$80	\$80	\$90	\$90
Outpatient Radiation								
Radiation Treatment: 3 or More Areas (6-10 MeV)	--	--	--	\$\$	\$175	\$250	\$300	\$275
Radiation Treatment: 3 or More Areas (11-19 MeV)	--	--	--	\$\$	\$175	\$225	\$250	\$275
Radiation Treatment: Intensity Modulated (Per Session)	--	--	--	\$\$	\$900	\$900	\$1,100	\$1,200
Respiratory								
Pneumonia Δ	+++	94%	91%	b	--	--	--	\$5,700
How Patients Rate the Hospital Overall Δ								
	+++	67%	64%					

Note: Unless otherwise noted, the service was provided in an inpatient setting.

‡ Outcome/ mortality measure - quality score indicates mortality rate for this measure for this hospital
 Δ Process measure - measures whether the hospital did what it was supposed to do in treating a patient
 and quality score indicates how the hospital compares to other hospitals
 -- No measure available

a Insufficient data to support a ranking for this hospital on this quality measure
 b Insufficient data to support a ranking for this hospital on this cost measure
 c Cost not reported for this measure for this hospital
 d Statewide rates not reported for this hospital

Leapfrog Quality Ratings for Saint Anne's Hospital

Measure	Rating	Status
Managing Serious Errors (Never Events)	☆☆☆☆	Fully implemented
Patient Safety Practices Composite Score	☆☆☆☆	Fully implemented
Reduce In-Hospital Injuries	☆☆☆☆	Fully implemented
Reduce Pressure Ulcers	☆☆☆	Good progress
Requires Staff to Use Computers	☆☆	Good early stage effort
Use of Intensivists in ICUs	☆	Willing to report publicly

Saints Medical Center

Measure by Category	Quality			Cost				
	Rating	Score	Statewide Score	Rating	15th Percentile	Median	85th Percentile	Statewide Median
Bone and Joint Care								
Hip Fracture	++	2.44	2.40	b	--	--	--	\$20,000
Hip Replacement ‡	+	0.85	0.11	b	--	--	--	\$19,250
Heart Care								
Heart Attack Δ	+++	97%	97%	b	--	--	--	\$12,900
Heart Failure Δ	+++	89%	87%	b	--	--	--	\$7,250
Stroke ‡	++	15.20	10.26	b	--	--	--	\$12,500
Obstetrics								
Cesarean Section	--	--	--	\$	\$4,800	\$5,200	\$6,200	\$5,750
Normal Newborn	--	--	--	\$	\$1,000	\$1,000	\$1,600	\$1,200
Vaginal Delivery	--	--	--	\$	\$3,000	\$3,100	\$4,000	\$3,700
Outpatient Diagnostic Procedure								
CT Scan of Abdomen w Contrast	--	--	--	\$	\$175	\$425	\$500	\$525
CT Scan of Abdomen w/o Contrast	--	--	--	\$	\$275	\$275	\$425	\$350
CT Scan of Chest w Contrast	--	--	--	\$	\$400	\$400	\$525	\$525
CT Scan of Chest w/o Contrast	--	--	--	\$	\$325	\$325	\$450	\$425
CT Scan of Head w/o Contrast	--	--	--	\$	\$275	\$275	\$350	\$350
Doppler Echocardiography	--	--	--	\$	\$150	\$150	\$150	\$200
Echocardiography w Image Documentation	--	--	--	\$	\$250	\$250	\$325	\$350
Mammogram Screening	--	--	--	\$	\$100	\$100	\$100	\$100
Myocardial Perfusion Imaging	--	--	--	\$	\$600	\$600	\$850	\$825
Ultrasound (1st Trimester)	--	--	--	\$	\$75	\$125	\$125	\$150
X-Ray of Chest	--	--	--	\$	\$50	\$80	\$80	\$90
Outpatient Radiation								
Radiation Treatment: 3 or More Areas (6-10 MeV)	--	--	--	\$	\$175	\$250	\$250	\$275
Radiation Treatment: 3 or More Areas (11-19 MeV)	--	--	--	\$	\$175	\$225	\$225	\$275
Radiation Treatment: Intensity Modulated (Per Session)	--	--	--	\$	\$400	\$400	\$800	\$1,200
Respiratory								
Pneumonia Δ	+++	94%	91%	b	--	--	--	\$5,700
How Patients Rate the Hospital Overall Δ								
	+++	67%	64%					

Note: Unless otherwise noted, the service was provided in an inpatient setting.

‡ Outcome/ mortality measure - quality score indicates mortality rate for this measure for this hospital

Δ Process measure - measures whether the hospital did what it was supposed to do in treating a patient and quality score indicates how the hospital compares to other hospitals

-- No measure available

a Insufficient data to support a ranking for this hospital on this quality measure

b Insufficient data to support a ranking for this hospital on this cost measure

c Cost not reported for this measure for this hospital

d Statewide rates not reported for this hospital

Leapfrog Quality Ratings for Saints Medical Center

Measure	Rating	Status
Managing Serious Errors (Never Events)	☆☆☆☆	Fully implemented
Patient Safety Practices Composite Score	☆☆	Good early stage effort
Requires Staff to Use Computers	☆	Willing to report publicly
Use of Intensivists in ICUs	☆	Willing to report publicly

Saint Vincent Hospital

Measure by Category	Quality			Cost				
	Rating	Score	Statewide Score	Rating	15th Percentile	Median	85th Percentile	Statewide Median
Bone and Joint Care								
Back and Neck Procedures (Except Spinal Fusion)	--	--	--	\$	\$2,200	\$6,200	\$6,700	\$7,700
Hip Fracture	++	2 85	2.40	b	--	--	--	\$20,000
Hip Replacement ‡	++++	0 00	0.11	\$	\$6,500	\$15,500	\$21,500	\$19,250
Knee Replacement	--	--	--	\$	\$6,500	\$13,500	\$19,000	\$16,000
Digestive System								
Gall Bladder	--	--	--	\$	\$2,300	\$4,500	\$8,900	\$8,000
Intestinal Surgery	--	--	--	\$	\$6,500	\$11,500	\$19,000	\$14,750
Heart Care								
Angioplasty ‡	a	0 67	d	\$	\$13,500	\$18,500	\$24,500	\$22,000
Bypass Surgery ‡	a	2 29	d	b	\$33,500	\$37,500	\$48,500	\$43,500
Heart Attack Δ	++++	99%	97%	b	--	--	--	\$12,900
Heart Failure Δ	++++	95%	87%	b	\$4,800	\$6,000	\$20,200	\$7,250
Stroke ‡	++	10.80	10 26	b	--	--	--	\$12,500
Obstetrics								
Cesarean Section	--	--	--	b	--	--	--	\$5,750
Normal Newborn	--	--	--	b	--	--	--	\$1,200
Vaginal Delivery	--	--	--	b	--	--	--	\$3,700
Outpatient Diagnostic Procedure								
CT Scan of Abdomen w Contrast	--	--	--	\$\$	\$450	\$475	\$675	\$525
CT Scan of Abdomen w/o Contrast	--	--	--	\$\$\$	\$300	\$475	\$550	\$350
CT Scan of Chest w Contrast	--	--	--	\$\$	\$425	\$475	\$700	\$525
CT Scan of Chest w/o Contrast	--	--	--	\$\$\$	\$350	\$475	\$500	\$425
CT Scan of Head w/o Contrast	--	--	--	\$\$\$	\$275	\$475	\$475	\$350
Doppler Echocardiography	--	--	--	\$\$	\$125	\$175	\$175	\$200
Echocardiography w Image Documentation	--	--	--	\$	\$225	\$225	\$275	\$350
Mammogram Screening	--	--	--	\$\$	\$100	\$100	\$125	\$100
MRI of Brain w/o contrast	--	--	--	\$\$\$	\$575	\$725	\$725	\$825
MRI of Joint of Lower Extremity	--	--	--	\$\$\$	\$500	\$700	\$725	\$750
MRI of Lumbar Spine w/o contrast	--	--	--	\$\$	\$575	\$700	\$725	\$775
Myocardial Perfusion Imaging	--	--	--	\$\$	\$625	\$700	\$725	\$825
Ultrasound (After 1st Trimester)	--	--	--	\$	\$125	\$125	\$200	\$225
X-Ray of Chest	--	--	--	\$	\$40	\$60	\$80	\$90
Outpatient Radiation								
Radiation Treatment: 3 or More Areas (6-10 MeV)	--	--	--	\$	\$150	\$150	\$175	\$275
Radiation Treatment: 3 or More Areas (11-19 MeV)	--	--	--	\$	\$150	\$150	\$150	\$275
Respiratory								
Chronic Obstructive Pulmonary Disease (COPD)	--	--	--	\$\$	\$2,200	\$4,600	\$13,600	\$4,700
Pneumonia Δ	+++	94%	91%	\$	\$2,000	\$4,800	\$9,900	\$5,700
How Patients Rate the Hospital Overall Δ								
	+++	65%	64%					

Note: Unless otherwise noted, the service was provided in an inpatient setting.

‡ Outcome/ mortality measure - quality score indicates mortality rate for this measure for this hospital

Δ Process measure - measures whether the hospital did what it was supposed to do in treating a patient and quality score indicates how the hospital compares to other hospitals

-- No measure available

a Insufficient data to support a ranking for this hospital on this quality measure

b Insufficient data to support a ranking for this hospital on this cost measure

c Cost not reported for this measure for this hospital

d Statewide rates not reported for this hospital

Leapfrog Quality Ratings for Saint Vincent Hospital

Measure	Rating	Status
Aortic Valve Replacement High Risk Treatment	☆☆☆	Good progress
Managing Serious Errors (Never Events)	☆	Willing to report publicly
Patient Safety Practices Composite Score	☆☆	Good early stage effort
Reduce In-Hospital Injuries	☆☆☆	Good progress
Reduce Pressure Ulcers	☆☆☆	Good progress
Requires Staff to Use Computers	☆☆	Good early stage effort
Use of Intensivists in ICUs	☆☆☆☆	Fully implemented
Weight Loss Surgery Treatment	☆	Willing to report publicly

Signature Healthcare Brockton Hospital

Measure by Category	Quality			Cost				
	Rating	Score	Statewide Score	Rating	15th Percentile	Median	85th Percentile	Statewide Median
Bone and Joint Care								
Hip Fracture	++	3 34	2.40	b	--	--	--	\$20,000
Hip Replacement ‡	++++	0 00	0.11	b	--	--	--	\$19,250
Knee Replacement	--	--	--	\$	\$6,000	\$16,000	\$20,000	\$16,000
Heart Care								
Heart Attack Δ	++	96%	97%	b	--	--	--	\$12,900
Heart Failure Δ	++	84%	87%	b	--	--	--	\$7,250
Stroke ‡	++++	4 37	10 26	b	--	--	--	\$12,500
Obstetrics								
Cesarean Section	--	--	--	\$	\$4,800	\$5,100	\$5,800	\$5,750
Normal Newborn	--	--	--	\$	\$1,000	\$1,100	\$1,700	\$1,200
Vaginal Delivery	--	--	--	\$	\$3,000	\$3,400	\$4,000	\$3,700
Outpatient Diagnostic Procedure								
CT Scan of Abdomen w Contrast	--	--	--	\$	\$225	\$475	\$500	\$525
CT Scan of Abdomen w/o Contrast	--	--	--	\$	\$225	\$300	\$400	\$350
CT Scan of Chest w Contrast	--	--	--	\$	\$450	\$450	\$500	\$525
CT Scan of Chest w/o Contrast	--	--	--	\$	\$350	\$375	\$500	\$425
CT Scan of Head w/o Contrast	--	--	--	\$	\$300	\$300	\$450	\$350
Doppler Echocardiography	--	--	--	\$	\$175	\$175	\$200	\$200
Echocardiography w Image Documentation	--	--	--	\$	\$275	\$275	\$475	\$350
Mammogram Screening	--	--	--	\$	\$75	\$100	\$100	\$100
MRI of Brain w/o contrast	--	--	--	\$	\$600	\$600	\$1,025	\$825
MRI of Joint of Lower Extremity	--	--	--	\$	\$525	\$550	\$1,025	\$750
MRI of Lumbar Spine w/o contrast	--	--	--	\$	\$575	\$625	\$950	\$775
Myocardial Perfusion Imaging	--	--	--	\$	\$650	\$650	\$975	\$825
Ultrasound (1st Trimester)	--	--	--	\$	\$100	\$150	\$150	\$150
Ultrasound (After 1st Trimester)	--	--	--	\$	\$150	\$200	\$200	\$225
X-Ray of Chest	--	--	--	\$	\$50	\$80	\$90	\$90
Outpatient Radiation								
Radiation Treatment: 3 or More Areas (6-10 MeV)	--	--	--	\$	\$175	\$250	\$275	\$275
Radiation Treatment: Intensity Modulated (Per Session)	--	--	--	\$	\$400	\$1,000	\$1,000	\$1,200
Respiratory								
Chronic Obstructive Pulmonary Disease (COPD)	--	--	--	\$	\$4,000	\$4,000	\$10,300	\$4,700
Pneumonia Δ	++	91%	91%	\$	\$3,300	\$5,100	\$10,600	\$5,700
How Patients Rate the Hospital Overall Δ								
	+	58%	64%					

Note: Unless otherwise noted, the service was provided in an inpatient setting.

‡ Outcome/ mortality measure - quality score indicates mortality rate for this measure for this hospital
 Δ Process measure - measures whether the hospital did what it was supposed to do in treating a patient
 and quality score indicates how the hospital compares to other hospitals
 -- No measure available

a Insufficient data to support a ranking for this hospital on this quality measure
 b Insufficient data to support a ranking for this hospital on this cost measure
 c Cost not reported for this measure for this hospital
 d Statewide rates not reported for this hospital

Leapfrog Quality Ratings for Signature Healthcare Brockton Hospital

Measure	Rating	Status
Managing Serious Errors (Never Events)	☆☆☆	Fully implemented
Patient Safety Practices Composite Score	☆☆	Good early stage effort
Reduce In-Hospital Injuries	☆	Willing to report publicly
Reduce Pressure Ulcers	☆☆☆	Fully implemented
Requires Staff to Use Computers	☆☆	Good early stage effort
Use of Intensivists in ICUs	☆☆☆	Fully implemented

Southcoast Hospitals Group - Charlton Memorial

Measure by Category	Quality			Cost				
	Rating	Score	Statewide Score	Rating	15th Percentile	Median	85th Percentile	Statewide Median
Bone and Joint Care								
Hip Fracture	++	2 37	2.40	b	--	--	--	\$20,000
Hip Replacement ‡	++++	0 00	0.11	\$	\$17,500	\$18,000	\$21,000	\$19,250
Knee Replacement	--	--	--	\$\$\$	\$13,500	\$16,500	\$17,500	\$16,000
Digestive System								
Gall Bladder	--	--	--	\$	\$6,400	\$7,900	\$11,200	\$8,000
Intestinal Surgery	--	--	--	\$\$\$	\$12,000	\$15,000	\$40,500	\$14,750
Weight Loss Surgery	--	--	--	b	--	--	--	\$13,000
Heart Care								
Angioplasty ‡	a	0.49	d	\$	\$17,000	\$22,000	\$24,500	\$22,000
Bypass Surgery ‡	a	1 21	d	b	--	--	--	\$43,500
Heart Attack Δ	+++	97%	97%	b	\$3,700	\$13,500	\$15,200	\$12,900
Heart Failure Δ	++	85%	87%	b	\$5,500	\$6,600	\$12,500	\$7,250
Stroke ‡	+++	7 63	10 26	b	--	--	--	\$12,500
Obstetrics								
Cesarean Section	--	--	--	\$\$\$	\$5,300	\$6,300	\$7,700	\$5,750
Normal Newborn	--	--	--	\$\$\$	\$1,000	\$1,300	\$1,300	\$1,200
Vaginal Delivery	--	--	--	\$\$\$	\$3,300	\$4,000	\$4,900	\$3,700
Outpatient Diagnostic Procedure								
CT Scan of Abdomen w Contrast	--	--	--	\$\$\$	\$475	\$525	\$525	\$525
CT Scan of Abdomen w/o Contrast	--	--	--	\$\$\$	\$300	\$400	\$400	\$350
CT Scan of Chest w Contrast	--	--	--	\$\$\$	\$475	\$500	\$600	\$525
CT Scan of Chest w/o Contrast	--	--	--	\$	\$400	\$400	\$575	\$425
CT Scan of Head w/o Contrast	--	--	--	\$	\$325	\$325	\$475	\$350
Doppler Echocardiography	--	--	--	\$	\$150	\$150	\$200	\$200
Echocardiography w Image Documentation	--	--	--	\$	\$225	\$225	\$275	\$350
Mammogram Screening	--	--	--	\$	\$100	\$100	\$100	\$100
MRI of Brain w/o contrast	--	--	--	\$	\$675	\$675	\$775	\$825
MRI of Joint of Lower Extremity	--	--	--	\$	\$600	\$600	\$850	\$750
MRI of Lumbar Spine w/o contrast	--	--	--	\$	\$650	\$650	\$850	\$775
Myocardial Perfusion Imaging	--	--	--	\$	\$325	\$325	\$800	\$825
Ultrasound (1st Trimester)	--	--	--	\$	\$75	\$100	\$125	\$150
Ultrasound (After 1st Trimester)	--	--	--	\$\$\$	\$150	\$225	\$225	\$225
X-Ray of Chest	--	--	--	\$\$\$	\$40	\$100	\$100	\$90
Respiratory								
Chronic Obstructive Pulmonary Disease (COPD)	--	--	--	\$	\$4,100	\$4,700	\$6,500	\$4,700
Pneumonia Δ	+++	92%	91%	\$	\$3,800	\$5,700	\$9,900	\$5,700
How Patients Rate the Hospital Overall Δ								
	+++	66%	64%					

Note: Unless otherwise noted, the service was provided in an inpatient setting.

‡ Outcome/ mortality measure - quality score indicates mortality rate for this measure for this hospital

Δ Process measure - measures whether the hospital did what it was supposed to do in treating a patient and quality score indicates how the hospital compares to other hospitals

-- No measure available

a Insufficient data to support a ranking for this hospital on this quality measure

b Insufficient data to support a ranking for this hospital on this cost measure

c Cost not reported for this measure for this hospital

d Statewide rates not reported for this hospital

Leapfrog Quality Ratings for Southcoast Hospitals Group - Charlton Memorial

Measure	Rating	Status
Aortic Valve Replacement High Risk Treatment	☆☆☆	Good progress
Managing Serious Errors (Never Events)	☆☆☆☆	Fully implemented
Patient Safety Practices Composite Score	☆☆	Good early stage effort
Reduce In-Hospital Injuries	☆	Willing to report publicly
Reduce Pressure Ulcers	☆☆☆	Good progress
Requires Staff to Use Computers	☆☆	Good early stage effort
Use of Intensivists in ICUs	☆	Willing to report publicly

Southcoast Hospitals Group - St. Luke's

Measure by Category	Quality			Cost				
	Rating	Score	Statewide Score	Rating	15th Percentile	Median	85th Percentile	Statewide Median
Bone and Joint Care								
Hip Fracture	+++	1 67	2.40	b	--	--	--	\$20,000
Hip Replacement ‡	++++	0 00	0.11	\$	\$17,500	\$18,000	\$21,000	\$19,250
Knee Replacement	--	--	--	\$\$\$	\$13,500	\$16,500	\$17,500	\$16,000
Digestive System								
Gall Bladder	--	--	--	\$	\$6,400	\$7,900	\$11,200	\$8,000
Intestinal Surgery	--	--	--	\$\$\$	\$12,000	\$15,000	\$40,500	\$14,750
Weight Loss Surgery	--	--	--	b	--	--	--	\$13,000
Heart Care								
Angioplasty ‡	a	--	d	b	--	--	--	\$22,000
Heart Attack Δ	+++	97%	97%	b	\$3,700	\$13,500	\$15,200	\$12,900
Heart Failure Δ	++	85%	87%	b	\$5,500	\$6,600	\$12,500	\$7,250
Stroke ‡	++	11.56	10 26	b	--	--	--	\$12,500
Obstetrics								
Cesarean Section	--	--	--	\$\$\$	\$5,300	\$6,300	\$7,700	\$5,750
Normal Newborn	--	--	--	\$\$\$	\$1,000	\$1,300	\$1,300	\$1,200
Vaginal Delivery	--	--	--	\$\$\$	\$3,300	\$4,000	\$4,900	\$3,700
Outpatient Diagnostic Procedure								
CT Scan of Abdomen w Contrast	--	--	--	\$	\$475	\$525	\$525	\$525
CT Scan of Abdomen w/o Contrast	--	--	--	\$\$\$	\$300	\$400	\$400	\$350
CT Scan of Chest w Contrast	--	--	--	\$\$\$	\$475	\$500	\$600	\$525
CT Scan of Chest w/o Contrast	--	--	--	\$	\$400	\$400	\$575	\$425
CT Scan of Head w/o Contrast	--	--	--	\$	\$325	\$325	\$475	\$350
Doppler Echocardiography	--	--	--	\$	\$150	\$150	\$200	\$200
Echocardiography w Image Documentation	--	--	--	\$	\$225	\$225	\$275	\$350
Mammogram Screening	--	--	--	\$	\$100	\$100	\$100	\$100
MRI of Brain w/o contrast	--	--	--	\$	\$675	\$675	\$775	\$825
MRI of Joint of Lower Extremity	--	--	--	\$	\$600	\$600	\$850	\$750
MRI of Lumbar Spine w/o contrast	--	--	--	\$	\$650	\$650	\$850	\$775
Myocardial Perfusion Imaging	--	--	--	\$	\$325	\$325	\$800	\$825
Ultrasound (1st Trimester)	--	--	--	\$	\$75	\$100	\$125	\$150
Ultrasound (After 1st Trimester)	--	--	--	\$\$\$	\$150	\$225	\$225	\$225
X-Ray of Chest	--	--	--	\$\$\$	\$40	\$100	\$100	\$90
Respiratory								
Chronic Obstructive Pulmonary Disease (COPD)	--	--	--	\$	\$4,100	\$4,700	\$6,500	\$4,700
Pneumonia Δ	+++	92%	91%	\$	\$3,800	\$5,700	\$9,900	\$5,700
How Patients Rate the Hospital Overall Δ								
	+++	66%	64%					

Note: Unless otherwise noted, the service was provided in an inpatient setting.

‡ Outcome/ mortality measure - quality score indicates mortality rate for this measure for this hospital

Δ Process measure - measures whether the hospital did what it was supposed to do in treating a patient and quality score indicates how the hospital compares to other hospitals

-- No measure available

a Insufficient data to support a ranking for this hospital on this quality measure

b Insufficient data to support a ranking for this hospital on this cost measure

c Cost not reported for this measure for this hospital

d Statewide rates not reported for this hospital

Leapfrog Quality Ratings for Southcoast Hospitals Group - St. Luke's

Measure	Rating	Status
Managing Serious Errors (Never Events)	☆☆☆☆	Fully implemented
Patient Safety Practices Composite Score	☆☆	Good early stage effort
Reduce In-Hospital Injuries	☆☆	Good early stage effort
Reduce Pressure Ulcers	☆☆☆	Good progress
Requires Staff to Use Computers	☆☆	Good early stage effort
Use of Intensivists in ICUs	☆	Willing to report publicly

Southcoast Hospitals Group - Tobey

Measure by Category	Quality			Cost				
	Rating	Score	Statewide Score	Rating	15th Percentile	Median	85th Percentile	Statewide Median
Bone and Joint Care								
Hip Fracture	--	--	2.40	b	--	--	--	\$20,000
Hip Replacement ‡	--	--	0.11	\$	\$17,500	\$18,000	\$21,000	\$19,250
Knee Replacement	--	--	--	\$\$\$	\$13,500	\$16,500	\$17,500	\$16,000
Digestive System								
Gall Bladder	--	--	--	\$\$	\$6,400	\$7,900	\$11,200	\$8,000
Intestinal Surgery	--	--	--	\$\$\$	\$12,000	\$15,000	\$40,500	\$14,750
Weight Loss Surgery	--	--	--	\$\$\$	\$11,000	\$13,500	\$14,000	\$13,000
Heart Care								
Angioplasty ‡	a	--	d	b	--	--	--	\$22,000
Heart Attack Δ	+++	97%	97%	b	\$3,700	\$13,500	\$15,200	\$12,900
Heart Failure Δ	++	85%	87%	b	\$5,500	\$6,600	\$12,500	\$7,250
Stroke ‡	--	--	10 26	b	--	--	--	\$12,500
Obstetrics								
Cesarean Section	--	--	--	\$\$\$	\$5,300	\$6,300	\$7,700	\$5,750
Normal Newborn	--	--	--	\$\$\$	\$1,000	\$1,300	\$1,300	\$1,200
Vaginal Delivery	--	--	--	\$\$\$	\$3,300	\$4,000	\$4,900	\$3,700
Outpatient Diagnostic Procedure								
CT Scan of Abdomen w Contrast	--	--	--	\$\$\$	\$475	\$525	\$525	\$525
CT Scan of Abdomen w/o Contrast	--	--	--	\$\$\$	\$300	\$400	\$400	\$350
CT Scan of Chest w Contrast	--	--	--	\$\$\$	\$475	\$500	\$600	\$525
CT Scan of Chest w/o Contrast	--	--	--	\$\$	\$400	\$400	\$575	\$425
CT Scan of Head w/o Contrast	--	--	--	\$\$	\$325	\$325	\$475	\$350
Doppler Echocardiography	--	--	--	\$\$	\$150	\$150	\$200	\$200
Echocardiography w Image Documentation	--	--	--	\$	\$225	\$225	\$275	\$350
Mammogram Screening	--	--	--	\$\$	\$100	\$100	\$100	\$100
MRI of Brain w/o contrast	--	--	--	\$\$	\$675	\$675	\$775	\$825
MRI of Joint of Lower Extremity	--	--	--	\$\$	\$600	\$600	\$850	\$750
MRI of Lumbar Spine w/o contrast	--	--	--	\$\$	\$650	\$650	\$850	\$775
Myocardial Perfusion Imaging	--	--	--	\$	\$325	\$325	\$800	\$825
Ultrasound (1st Trimester)	--	--	--	\$	\$75	\$100	\$125	\$150
Ultrasound (After 1st Trimester)	--	--	--	\$\$\$	\$150	\$225	\$225	\$225
X-Ray of Chest	--	--	--	\$\$\$	\$40	\$100	\$100	\$90
Respiratory								
Chronic Obstructive Pulmonary Disease (COPD)	--	--	--	\$\$	\$4,100	\$4,700	\$6,500	\$4,700
Pneumonia Δ	+++	92%	91%	\$\$	\$3,800	\$5,700	\$9,900	\$5,700
How Patients Rate the Hospital Overall Δ								
	+++	66%	64%					

Note: Unless otherwise noted, the service was provided in an inpatient setting.

‡ Outcome/ mortality measure - quality score indicates mortality rate for this measure for this hospital

Δ Process measure - measures whether the hospital did what it was supposed to do in treating a patient and quality score indicates how the hospital compares to other hospitals

-- No measure available

a Insufficient data to support a ranking for this hospital on this quality measure

b Insufficient data to support a ranking for this hospital on this cost measure

c Cost not reported for this measure for this hospital

d Statewide rates not reported for this hospital

Leapfrog Quality Ratings for Southcoast Hospitals Group - Tobey

Measure	Rating	Status
Managing Serious Errors (Never Events)	☆☆☆☆	Fully implemented
Patient Safety Practices Composite Score	☆☆	Good early stage effort
Reduce In-Hospital Injuries	☆☆☆☆	Fully implemented
Reduce Pressure Ulcers	☆☆☆☆	Fully implemented
Requires Staff to Use Computers	☆☆	Good early stage effort
Use of Intensivists in ICUs	☆	Willing to report publicly
Weight Loss Surgery Treatment	☆☆☆☆	Fully implemented

South Shore Hospital

Measure by Category	Quality			Cost				
	Rating	Score	Statewide Score	Rating	15th Percentile	Median	85th Percentile	Statewide Median
Bone and Joint Care								
Back and Neck Procedures (Except Spinal Fusion)	--	--	--	\$\$\$	\$2,900	\$8,500	\$9,400	\$7,700
Hip Fracture	+++	1.64	2.40	b	--	--	--	\$20,000
Hip Replacement ‡	++++	0.00	0.11	\$\$	\$9,500	\$18,500	\$23,000	\$19,250
Knee Replacement	--	--	--	\$\$	\$7,000	\$16,000	\$19,000	\$16,000
Digestive System								
Gall Bladder	--	--	--	\$\$\$	\$6,500	\$9,100	\$13,400	\$8,000
Intestinal Surgery	--	--	--	\$\$\$	\$11,000	\$16,000	\$35,500	\$14,750
Heart Care								
Heart Attack Δ	++++	99%	97%	b	\$1,600	\$3,700	\$11,900	\$12,900
Heart Failure Δ	+	64%	87%	b	\$2,200	\$5,600	\$15,100	\$7,250
Stroke ‡	++	12.36	10.26	b	--	--	--	\$12,500
Obstetrics								
Cesarean Section	--	--	--	\$\$\$	\$6,100	\$6,700	\$7,900	\$5,750
Normal Newborn	--	--	--	\$\$\$	\$1,200	\$1,300	\$1,400	\$1,200
Vaginal Delivery	--	--	--	\$\$\$	\$3,800	\$4,300	\$5,700	\$3,700
Outpatient Diagnostic Procedure								
CT Scan of Abdomen w Contrast	--	--	--	\$\$\$	\$475	\$550	\$725	\$525
CT Scan of Abdomen w/o Contrast	--	--	--	\$\$\$	\$325	\$350	\$475	\$350
CT Scan of Chest w Contrast	--	--	--	\$\$\$	\$450	\$525	\$975	\$525
CT Scan of Chest w/o Contrast	--	--	--	\$\$\$	\$375	\$475	\$725	\$425
CT Scan of Head w/o Contrast	--	--	--	\$\$\$	\$350	\$375	\$600	\$350
Doppler Echocardiography	--	--	--	\$\$	\$175	\$175	\$350	\$200
Echocardiography w Image Documentation	--	--	--	\$\$\$	\$250	\$300	\$350	\$350
Mammogram Screening	--	--	--	\$\$\$	\$125	\$125	\$150	\$100
MRI of Brain w/o contrast	--	--	--	\$\$\$	\$675	\$825	\$925	\$825
MRI of Joint of Lower Extremity	--	--	--	\$\$\$	\$675	\$950	\$1,100	\$750
MRI of Lumbar Spine w/o contrast	--	--	--	\$\$	\$675	\$700	\$1,075	\$775
Myocardial Perfusion Imaging	--	--	--	\$\$\$	\$1,625	\$1,725	\$2,250	\$825
Ultrasound (1st Trimester)	--	--	--	\$\$\$	\$100	\$175	\$275	\$150
Ultrasound (After 1st Trimester)	--	--	--	\$\$\$	\$175	\$250	\$325	\$225
X-Ray of Chest	--	--	--	\$\$\$	\$80	\$100	\$130	\$90
Respiratory								
Chronic Obstructive Pulmonary Disease (COPD)	--	--	--	\$\$\$	\$5,200	\$5,500	\$11,800	\$4,700
Pneumonia Δ	++	86%	91%	\$\$\$	\$3,900	\$6,300	\$13,600	\$5,700
How Patients Rate the Hospital Overall Δ								
	++	62%	64%					

Note: Unless otherwise noted, the service was provided in an inpatient setting.

‡ Outcome/ mortality measure - quality score indicates mortality rate for this measure for this hospital

Δ Process measure - measures whether the hospital did what it was supposed to do in treating a patient and quality score indicates how the hospital compares to other hospitals

-- No measure available

a Insufficient data to support a ranking for this hospital on this quality measure

b Insufficient data to support a ranking for this hospital on this cost measure

c Cost not reported for this measure for this hospital

d Statewide rates not reported for this hospital

Leapfrog Quality Ratings for South Shore Hospital

Measure	Rating	Status
No ratings for this hospital		

Sturdy Memorial Hospital

Measure by Category	Quality			Cost				
	Rating	Score	Statewide Score	Rating	15th Percentile	Median	85th Percentile	Statewide Median
Bone and Joint Care								
Hip Fracture	+	6.72	2.40	b	--	--	--	\$20,000
Hip Replacement ‡	++++	0 00	0.11	b	--	--	--	\$19,250
Digestive System								
Gall Bladder	--	--	--	\$\$\$	\$8,200	\$10,600	\$14,800	\$8,000
Heart Care								
Heart Attack Δ	+	91%	97%	b	--	--	--	\$12,900
Heart Failure Δ	+	76%	87%	b	--	--	--	\$7,250
Stroke ‡	++	13.37	10 26	b	--	--	--	\$12,500
Obstetrics								
Cesarean Section	--	--	--	\$	\$3,200	\$5,300	\$6,300	\$5,750
Normal Newborn	--	--	--	\$	\$1,000	\$1,200	\$2,000	\$1,200
Vaginal Delivery	--	--	--	\$	\$3,200	\$3,500	\$4,500	\$3,700
Outpatient Diagnostic Procedure								
CT Scan of Abdomen w Contrast	--	--	--	\$\$\$	\$975	\$1,025	\$1,150	\$525
CT Scan of Abdomen w/o Contrast	--	--	--	\$\$\$	\$450	\$775	\$775	\$350
CT Scan of Chest w Contrast	--	--	--	\$\$\$	\$1,000	\$1,050	\$1,175	\$525
CT Scan of Chest w/o Contrast	--	--	--	\$\$\$	\$775	\$800	\$800	\$425
CT Scan of Head w/o Contrast	--	--	--	\$\$\$	\$600	\$625	\$725	\$350
Doppler Echocardiography	--	--	--	\$\$\$	\$325	\$325	\$325	\$200
Echocardiography w Image Documentation	--	--	--	\$\$\$	\$550	\$600	\$650	\$350
Mammogram Screening	--	--	--	\$\$\$	\$250	\$250	\$300	\$100
MRI of Brain w/o contrast	--	--	--	\$	\$450	\$675	\$675	\$825
MRI of Joint of Lower Extremity	--	--	--	\$	\$450	\$675	\$725	\$750
MRI of Lumbar Spine w/o contrast	--	--	--	\$	\$450	\$675	\$675	\$775
Myocardial Perfusion Imaging	--	--	--	\$\$\$	\$1,425	\$1,500	\$1,725	\$825
Ultrasound (1st Trimester)	--	--	--	\$\$\$	\$350	\$375	\$400	\$150
X-Ray of Chest	--	--	--	\$\$\$	\$90	\$100	\$110	\$90
Respiratory								
Pneumonia Δ	+++	93%	91%	b	--	--	--	\$5,700
How Patients Rate the Hospital Overall Δ								
	--	--	64%					

Note: Unless otherwise noted, the service was provided in an inpatient setting.

‡ Outcome/ mortality measure - quality score indicates mortality rate for this measure for this hospital

Δ Process measure - measures whether the hospital did what it was supposed to do in treating a patient and quality score indicates how the hospital compares to other hospitals

-- No measure available

a Insufficient data to support a ranking for this hospital on this quality measure

b Insufficient data to support a ranking for this hospital on this cost measure

c Cost not reported for this measure for this hospital

d Statewide rates not reported for this hospital

Leapfrog Quality Ratings for Sturdy Memorial Hospital

Measure	Rating	Status
Managing Serious Errors (Never Events)	☆	Willing to report publicly
Patient Safety Practices Composite Score	☆☆☆	Good progress
Reduce In-Hospital Injuries	☆☆☆	Good progress
Reduce Pressure Ulcers	☆☆☆☆	Fully implemented
Requires Staff to Use Computers	☆☆☆☆	Fully implemented
Use of Intensivists in ICUs	☆☆☆	Good progress

Tufts Medical Center

Measure by Category	Quality			Cost				
	Rating	Score	Statewide Score	Rating	15th Percentile	Median	85th Percentile	Statewide Median
Bone and Joint Care								
Back and Neck Procedures (Except Spinal Fusion)	--	--	--	\$\$\$	\$2,800	\$7,800	\$7,800	\$7,700
Hip Fracture	++	3.13	2.40	b	--	--	--	\$20,000
Hip Replacement ‡	--	--	0.11	b	--	--	--	\$19,250
Digestive System								
Weight Loss Surgery	--	--	--	\$\$	\$8,000	\$12,500	\$13,500	\$13,000
Heart Care								
Angioplasty ‡	a	0.56	d	\$\$	\$11,000	\$20,500	\$22,000	\$22,000
Bypass Surgery ‡	a	2.95	d	b	\$28,500	\$40,500	\$64,000	\$43,500
Heart Attack Δ	++	96%	97%	b	--	--	--	\$12,900
Heart Failure Δ	++	88%	87%	b	\$6,300	\$8,500	\$24,000	\$7,250
Stroke ‡	+++	9.15	10.26	b	--	--	--	\$12,500
Obstetrics								
Cesarean Section	--	--	--	\$\$\$	\$5,700	\$6,700	\$10,900	\$5,750
Normal Newborn	--	--	--	\$\$\$	\$1,200	\$1,300	\$1,400	\$1,200
Vaginal Delivery	--	--	--	\$\$\$	\$3,500	\$4,000	\$5,900	\$3,700
Outpatient Diagnostic Procedure								
CT Scan of Abdomen w Contrast	--	--	--	\$\$\$	\$125	\$500	\$525	\$525
CT Scan of Abdomen w/o Contrast	--	--	--	\$\$	\$125	\$325	\$350	\$350
CT Scan of Chest w Contrast	--	--	--	\$\$	\$275	\$475	\$500	\$525
CT Scan of Chest w/o Contrast	--	--	--	\$\$	\$350	\$375	\$400	\$425
CT Scan of Head w/o Contrast	--	--	--	\$\$	\$275	\$325	\$350	\$350
Doppler Echocardiography	--	--	--	\$	\$125	\$125	\$200	\$200
Echocardiography w Image Documentation	--	--	--	\$\$	\$225	\$250	\$475	\$350
Mammogram Screening	--	--	--	\$\$	\$75	\$100	\$100	\$100
MRI of Brain w/o contrast	--	--	--	\$\$	\$625	\$650	\$750	\$825
MRI of Joint of Lower Extremity	--	--	--	\$\$\$	\$600	\$650	\$675	\$750
MRI of Lumbar Spine w/o contrast	--	--	--	\$\$	\$600	\$625	\$750	\$775
Myocardial Perfusion Imaging	--	--	--	\$\$	\$700	\$725	\$1,250	\$825
Ultrasound (1st Trimester)	--	--	--	\$\$	\$100	\$125	\$125	\$150
Ultrasound (After 1st Trimester)	--	--	--	\$	\$150	\$175	\$225	\$225
X-Ray of Chest	--	--	--	\$\$	\$70	\$90	\$90	\$90
Outpatient Radiation								
Radiation Treatment: 3 or More Areas (6-10 MeV)	--	--	--	\$\$\$	\$150	\$275	\$300	\$275
Radiation Treatment: 3 or More Areas (11-19 MeV)	--	--	--	\$\$	\$150	\$225	\$250	\$275
Radiation Treatment: Intensity Modulated (Per Session)	--	--	--	\$\$\$	\$600	\$1,100	\$1,100	\$1,200
Respiratory								
Pneumonia Δ	+	81%	91%	b	--	--	--	\$5,700
How Patients Rate the Hospital Overall Δ								
	+++	67%	64%					

Note: Unless otherwise noted, the service was provided in an inpatient setting.

‡ Outcome/ mortality measure - quality score indicates mortality rate for this measure for this hospital

Δ Process measure - measures whether the hospital did what it was supposed to do in treating a patient and quality score indicates how the hospital compares to other hospitals

-- No measure available

a Insufficient data to support a ranking for this hospital on this quality measure

b Insufficient data to support a ranking for this hospital on this cost measure

c Cost not reported for this measure for this hospital

d Statewide rates not reported for this hospital

Leapfrog Quality Ratings for Tufts Medical Center

Measure	Rating	Status
Aortic Valve Replacement High Risk Treatment	☆☆☆	Good progress
Managing Serious Errors (Never Events)	☆☆☆☆	Fully implemented
Patient Safety Practices Composite Score	☆☆☆☆	Fully implemented
Reduce In-Hospital Injuries	☆☆☆☆	Fully implemented
Reduce Pressure Ulcers	☆☆☆	Good progress
Requires Staff to Use Computers	☆☆	Good early stage effort
Use of Intensivists in ICUs	☆	Willing to report publicly
Weight Loss Surgery Treatment	☆☆☆☆	Fully implemented

UMass Memorial Medical Center - Memorial

Measure by Category	Quality			Cost				
	Rating	Score	Statewide Score	Rating	15th Percentile	Median	85th Percentile	Statewide Median
Bone and Joint Care								
Back and Neck Procedures (Except Spinal Fusion)	--	--	--	\$\$\$	\$7,100	\$8,800	\$11,200	\$7,700
Hip Fracture	++	3.19	2.40	b	--	--	--	\$20,000
Hip Replacement ‡	++++	0.00	0.11	\$\$\$	\$15,000	\$19,500	\$22,000	\$19,250
Knee Replacement	--	--	--	\$\$\$	\$15,000	\$17,500	\$19,000	\$16,000
Spinal Fusion	--	--	--	b	\$23,000	\$24,500	\$40,000	\$25,000
Digestive System								
Gall Bladder	--	--	--	\$\$\$	\$8,100	\$9,200	\$13,300	\$8,000
Intestinal Surgery	--	--	--	\$\$\$	\$13,000	\$17,000	\$43,500	\$14,750
Weight Loss Surgery	--	--	--	\$\$\$	\$9,000	\$14,500	\$18,000	\$13,000
Heart Care								
Angioplasty ‡	a	--	d	b	--	--	--	\$22,000
Heart Attack Δ	+++	97%	97%	b	--	--	--	\$12,900
Heart Failure Δ	+++	90%	87%	b	--	--	--	\$7,250
Stroke ‡	+++	9.71	10.26	b	--	--	--	\$12,500
Obstetrics								
Cesarean Section	--	--	--	\$\$\$	\$5,800	\$6,800	\$8,300	\$5,750
Normal Newborn	--	--	--	\$\$\$	\$1,300	\$1,400	\$1,900	\$1,200
Vaginal Delivery	--	--	--	\$\$\$	\$3,800	\$4,400	\$5,500	\$3,700
Outpatient Diagnostic Procedure								
CT Scan of Abdomen w Contrast	--	--	--	\$\$\$	\$250	\$850	\$850	\$525
CT Scan of Abdomen w/o Contrast	--	--	--	\$\$\$	\$225	\$625	\$625	\$350
CT Scan of Chest w Contrast	--	--	--	\$\$\$	\$500	\$525	\$950	\$525
CT Scan of Chest w/o Contrast	--	--	--	\$\$\$	\$425	\$425	\$750	\$425
CT Scan of Head w/o Contrast	--	--	--	\$\$\$	\$350	\$400	\$600	\$350
Doppler Echocardiography	--	--	--	\$\$\$	\$200	\$225	\$275	\$200
Echocardiography w Image Documentation	--	--	--	\$\$\$	\$350	\$350	\$625	\$350
Mammogram Screening	--	--	--	\$\$\$	\$125	\$125	\$125	\$100
Myocardial Perfusion Imaging	--	--	--	\$\$\$	\$775	\$800	\$1,600	\$825
Ultrasound (1st Trimester)	--	--	--	\$\$\$	\$125	\$175	\$225	\$150
Ultrasound (After 1st Trimester)	--	--	--	\$\$\$	\$175	\$250	\$375	\$225
X-Ray of Chest	--	--	--	\$\$\$	\$90	\$100	\$130	\$90
Outpatient Radiation								
Radiation Treatment: 3 or More Areas (6-10 MeV)	--	--	--	\$\$\$	\$200	\$325	\$325	\$275
Radiation Treatment: 3 or More Areas (11-19 MeV)	--	--	--	\$\$\$	\$200	\$275	\$300	\$275
Radiation Treatment: Intensity Modulated (Per Session)	--	--	--	\$\$\$	\$700	\$1,200	\$1,300	\$1,200
Respiratory								
Chronic Obstructive Pulmonary Disease (COPD)	--	--	--	\$\$\$	\$5,200	\$5,700	\$12,900	\$4,700
Pneumonia Δ	+	80%	91%	\$\$\$	\$4,300	\$7,600	\$12,600	\$5,700
How Patients Rate the Hospital Overall Δ								
	++	62%	64%					

Note: Unless otherwise noted, the service was provided in an inpatient setting.

‡ Outcome/ mortality measure - quality score indicates mortality rate for this measure for this hospital

Δ Process measure - measures whether the hospital did what it was supposed to do in treating a patient and quality score indicates how the hospital compares to other hospitals

-- No measure available

a Insufficient data to support a ranking for this hospital on this quality measure

b Insufficient data to support a ranking for this hospital on this cost measure

c Cost not reported for this measure for this hospital

d Statewide rates not reported for this hospital

Leapfrog Quality Ratings for UMass Memorial Medical Center - Memorial

Measure	Rating	Status
Managing Serious Errors (Never Events)	☆☆☆☆	Fully implemented
Patient Safety Practices Composite Score	☆☆☆	Good progress
Reduce In-Hospital Injuries	☆☆☆☆	Fully implemented
Reduce Pressure Ulcers	☆☆☆	Good progress
Requires Staff to Use Computers	☆	Willing to report publicly
Use of Intensivists in ICUs	☆☆☆☆	Fully implemented
Weight Loss Surgery Treatment	☆☆☆☆	Fully implemented

UMass Memorial Medical Center - University

Measure by Category	Quality			Cost				
	Rating	Score	Statewide Score	Rating	15th Percentile	Median	85th Percentile	Statewide Median
Bone and Joint Care								
Back and Neck Procedures (Except Spinal Fusion)	--	--	--	\$\$\$	\$7,100	\$8,800	\$11,200	\$7,700
Hip Fracture	++	3.19	2.40	b	--	--	--	\$20,000
Hip Replacement ‡	++++	0.00	0.11	b	\$15,000	\$19,500	\$22,000	\$19,250
Knee Replacement	--	--	--	\$\$\$	\$15,000	\$17,500	\$19,000	\$16,000
Spinal Fusion	--	--	--	b	\$23,000	\$24,500	\$40,000	\$25,000
Digestive System								
Gall Bladder	--	--	--	\$\$\$	\$8,100	\$9,200	\$13,300	\$8,000
Intestinal Surgery	--	--	--	\$\$\$	\$13,000	\$17,000	\$43,500	\$14,750
Weight Loss Surgery	--	--	--	\$\$\$	\$9,000	\$14,500	\$18,000	\$13,000
Heart Care								
Angioplasty ‡	a	0.47	d	\$\$	\$16,000	\$22,000	\$25,000	\$22,000
Bypass Surgery ‡	a	1.20	d	b	\$36,500	\$47,000	\$70,000	\$43,500
Heart Attack Δ	+++	97%	97%	b	\$4,600	\$11,000	\$23,000	\$12,900
Heart Failure Δ	+++	90%	87%	b	--	--	--	\$7,250
Stroke ‡	+++	9.71	10.26	b	\$10,000	\$11,000	\$13,500	\$12,500
Obstetrics								
Cesarean Section	--	--	--	b	--	--	--	\$5,750
Normal Newborn	--	--	--	b	--	--	--	\$1,200
Vaginal Delivery	--	--	--	b	--	--	--	\$3,700
Outpatient Diagnostic Procedure								
CT Scan of Abdomen w Contrast	--	--	--	\$\$\$	\$250	\$850	\$850	\$525
CT Scan of Abdomen w/o Contrast	--	--	--	\$\$\$	\$225	\$625	\$625	\$350
CT Scan of Chest w Contrast	--	--	--	\$\$\$	\$500	\$625	\$950	\$525
CT Scan of Chest w/o Contrast	--	--	--	\$\$\$	\$425	\$425	\$750	\$425
CT Scan of Head w/o Contrast	--	--	--	\$\$\$	\$350	\$400	\$600	\$350
Doppler Echocardiography	--	--	--	\$\$\$	\$200	\$225	\$275	\$200
Echocardiography w Image Documentation	--	--	--	\$\$\$	\$350	\$350	\$625	\$350
Mammogram Screening	--	--	--	\$\$\$	\$125	\$125	\$125	\$100
Myocardial Perfusion Imaging	--	--	--	\$\$\$	\$775	\$800	\$1,600	\$825
Ultrasound (1st Trimester)	--	--	--	b	--	--	--	\$150
Ultrasound (After 1st Trimester)	--	--	--	b	--	--	--	\$225
X-Ray of Chest	--	--	--	\$\$\$	\$90	\$100	\$130	\$90
Outpatient Radiation								
Radiation Treatment: 3 or More Areas (6-10 MeV)	--	--	--	\$\$\$	\$200	\$325	\$325	\$275
Radiation Treatment: 3 or More Areas (11-19 MeV)	--	--	--	\$\$\$	\$200	\$275	\$300	\$275
Radiation Treatment: Intensity Modulated (Per Session)	--	--	--	\$\$\$	\$700	\$1,200	\$1,300	\$1,200
Respiratory								
Chronic Obstructive Pulmonary Disease (COPD)	--	--	--	\$\$\$\$	\$5,200	\$5,700	\$12,900	\$4,700
Pneumonia Δ	+	80%	91%	\$\$\$\$	\$4,300	\$7,600	\$12,600	\$5,700
How Patients Rate the Hospital Overall Δ								
	++	62%	64%					

Note: Unless otherwise noted, the service was provided in an inpatient setting.

‡ Outcome/ mortality measure - quality score indicates mortality rate for this measure for this hospital
 Δ Process measure - measures whether the hospital did what it was supposed to do in treating a patient and quality score indicates how the hospital compares to other hospitals
 -- No measure available

a Insufficient data to support a ranking for this hospital on this quality measure
 b Insufficient data to support a ranking for this hospital on this cost measure
 c Cost not reported for this measure for this hospital
 d Statewide rates not reported for this hospital

Leapfrog Quality Ratings for UMass Memorial Medical Center - University

Measure	Rating	Status
Aortic Valve Replacement High Risk Treatment	☆☆☆	Good progress
Managing Serious Errors (Never Events)	☆☆☆☆	Fully implemented
Patient Safety Practices Composite Score	☆☆☆	Good progress
Reduce In-Hospital Injuries	☆☆☆	Good progress
Reduce Pressure Ulcers	☆	Willing to report publicly
Requires Staff to Use Computers	☆	Willing to report publicly
Use of Intensivists in ICUs	☆☆☆☆	Fully implemented

Winchester Hospital

Measure by Category	Quality			Cost				
	Rating	Score	Statewide Score	Rating	15th Percentile	Median	85th Percentile	Statewide Median
Bone and Joint Care								
Hip Fracture	++	3.19	2.40	b	--	--	--	\$20,000
Hip Replacement ‡	++++	0.00	0.11	b	--	--	--	\$19,250
Knee Replacement	--	--	--	\$	\$13,000	\$14,000	\$17,000	\$16,000
Digestive System								
Gall Bladder	--	--	--	\$\$	\$4,900	\$7,200	\$10,400	\$8,000
Intestinal Surgery	--	--	--	\$	\$10,000	\$12,500	\$36,500	\$14,750
Weight Loss Surgery	--	--	--	\$	\$7,500	\$11,000	\$13,500	\$13,000
Heart Care								
Heart Attack Δ	++	95%	97%	b	--	--	--	\$12,900
Heart Failure Δ	++++	95%	87%	b	--	--	--	\$7,250
Stroke ‡	++++	7.14	10.26	b	--	--	--	\$12,500
Obstetrics								
Cesarean Section	--	--	--	\$\$	\$5,100	\$5,300	\$6,600	\$5,750
Normal Newborn	--	--	--	\$\$	\$1,000	\$1,100	\$1,200	\$1,200
Vaginal Delivery	--	--	--	\$\$\$	\$3,200	\$3,800	\$5,100	\$3,700
Outpatient Diagnostic Procedure								
CT Scan of Abdomen w Contrast	--	--	--	\$\$\$	\$200	\$575	\$575	\$525
CT Scan of Abdomen w/o Contrast	--	--	--	\$\$\$	\$225	\$375	\$475	\$350
CT Scan of Chest w Contrast	--	--	--	\$\$\$	\$400	\$525	\$600	\$525
CT Scan of Chest w/o Contrast	--	--	--	\$\$\$	\$425	\$425	\$500	\$425
CT Scan of Head w/o Contrast	--	--	--	\$\$\$	\$350	\$350	\$400	\$350
Doppler Echocardiography	--	--	--	\$	\$125	\$125	\$250	\$200
Echocardiography w Image Documentation	--	--	--	\$	\$225	\$250	\$425	\$350
Mammogram Screening	--	--	--	\$\$\$	\$100	\$125	\$125	\$100
MRI of Brain w/o contrast	--	--	--	\$\$\$	\$725	\$725	\$950	\$825
MRI of Joint of Lower Extremity	--	--	--	\$	\$625	\$625	\$950	\$750
MRI of Lumbar Spine w/o contrast	--	--	--	\$	\$700	\$700	\$1,075	\$775
Myocardial Perfusion Imaging	--	--	--	\$\$\$	\$775	\$775	\$1,125	\$825
Ultrasound (1st Trimester)	--	--	--	\$\$\$	\$100	\$175	\$175	\$150
Ultrasound (After 1st Trimester)	--	--	--	\$\$\$	\$150	\$250	\$250	\$225
X-Ray of Chest	--	--	--	\$\$\$	\$70	\$100	\$100	\$90
Respiratory								
Chronic Obstructive Pulmonary Disease (COPD)	--	--	--	\$	\$4,200	\$4,200	\$7,500	\$4,700
Pneumonia Δ	++	89%	91%	\$	\$3,300	\$4,800	\$6,600	\$5,700
How Patients Rate the Hospital Overall Δ								
	++++	72%	64%					

Note: Unless otherwise noted, the service was provided in an inpatient setting.

‡ Outcome/ mortality measure - quality score indicates mortality rate for this measure for this hospital

Δ Process measure - measures whether the hospital did what it was supposed to do in treating a patient and quality score indicates how the hospital compares to other hospitals

-- No measure available

a Insufficient data to support a ranking for this hospital on this quality measure

b Insufficient data to support a ranking for this hospital on this cost measure

c Cost not reported for this measure for this hospital

d Statewide rates not reported for this hospital

Leapfrog Quality Ratings for Winchester Hospital

Measure	Rating	Status
Managing Serious Errors (Never Events)	☆☆☆☆	Fully implemented
Patient Safety Practices Composite Score	☆☆☆☆	Fully implemented
Reduce In-Hospital Injuries	☆☆	Good early stage effort
Reduce Pressure Ulcers	☆☆☆☆	Fully implemented
Requires Staff to Use Computers	☆☆	Good early stage effort
Use of Intensivists in ICUs	☆	Willing to report publicly
Weight Loss Surgery Treatment	☆☆	Good early stage effort

Wing Memorial Hospital and Medical Centers

Measure by Category	Quality			Cost				
	Rating	Score	Statewide Score	Rating	15th Percentile	Median	85th Percentile	Statewide Median
Bone and Joint Care								
Hip Fracture	--	--	2.40	b	--	--	--	\$20,000
Hip Replacement ‡	--	--	0.11	b	--	--	--	\$19,250
Heart Care								
Heart Attack Δ	+	92%	97%	b	--	--	--	\$12,900
Heart Failure Δ	+	77%	87%	b	--	--	--	\$7,250
Stroke ‡	++++	0 00	10 26	b	--	--	--	\$12,500
Outpatient Diagnostic Procedure								
CT Scan of Abdomen w Contrast	--	--	--	\$	\$250	\$475	\$550	\$525
CT Scan of Abdomen w/o Contrast	--	--	--	\$	\$325	\$325	\$450	\$350
CT Scan of Chest w/o Contrast	--	--	--	\$	\$375	\$375	\$475	\$425
CT Scan of Head w/o Contrast	--	--	--	\$	\$275	\$300	\$375	\$350
Doppler Echocardiography	--	--	--	\$	\$150	\$150	\$225	\$200
Echocardiography w Image Documentation	--	--	--	\$	\$250	\$250	\$300	\$350
Mammogram Screening	--	--	--	\$	\$50	\$100	\$125	\$100
Myocardial Perfusion Imaging	--	--	--	\$	\$675	\$675	\$925	\$825
X-Ray of Chest	--	--	--	\$	\$50	\$90	\$90	\$90
Respiratory								
Pneumonia Δ	++	91%	91%	b	--	--	--	\$5,700
How Patients Rate the Hospital Overall Δ								
	+++	65%	64%					

Note: Unless otherwise noted, the service was provided in an inpatient setting.

‡ Outcome/ mortality measure - quality score indicates mortality rate for this measure for this hospital

Δ Process measure - measures whether the hospital did what it was supposed to do in treating a patient and quality score indicates how the hospital compares to other hospitals

-- No measure available

a Insufficient data to support a ranking for this hospital on this quality measure

b Insufficient data to support a ranking for this hospital on this cost measure

c Cost not reported for this measure for this hospital

d Statewide rates not reported for this hospital

Leapfrog Quality Ratings for Wing Memorial Hospital and Medical Centers

Measure

Managing Serious Errors (Never Events)
 Patient Safety Practices Composite Score
 Requires Staff to Use Computers
 Use of Intensivists in ICUs

☆☆☆☆
 ☆
 ☆
 ☆

Fully implemented
 Willing to report publicly
 Willing to report publicly
 Willing to report publicly

Appendix A: Summary of Cost Analysis Calculations

Calculating Expected Value and Risk-Adjusted Value for Charges

Expected value is the average charge that would result if the hospital's mix (case mix) of patients by severity level had been treated at the average (arithmetic mean) charge in a reference database, such as all hospitals in the state. The following is an example of how to calculate expected and risk-adjusted values for charges, using an individual All Patient Refined-Diagnostic Related Group (APR-DRG).

Example: Why Severity-Adjust Hospital Cost Data?

Assume that for a particular hospital, the following data are available for an individual APR-DRG, and that the hospital's data are being compared to a reference database (in this case, all hospitals in the state):

Severity Level	Hospital Count	Average Charge	Total Charge	Reference Count	Average Reference Charge	Total Reference Charge
1	10	\$1,000	\$10,000	4,000	\$1,200	\$4,800,000
2	20	\$2,000	\$40,000	3,000	\$2,500	\$7,500,000
3	40	\$4,000	\$160,000	2,000	\$5,000	\$10,000,000
4	30	\$8,000	\$240,000	1,000	\$10,000	\$10,000,000
APR-DRG Total	100 (A)	\$4,500 (B)	\$450,000 (C)	10,000 (D)	\$3,230 (E)	\$32,300,000 (F)

In this example, the hospital has ten patients categorized into Severity Level 1. For this level, the average charge per patient is \$1,000 and the total charge (number of patients x average charge) is \$10,000. For all hospitals in the state, 4,000 patients are categorized under Severity Level 1, with an average charge of \$1,200 and a total charge of \$4,800,000. The calculations are conducted for all four severity levels.

The average charge in the hospital for this APR-DRG (B) is determined by taking the total charges for the APR-DRG (C), and dividing it by the total number of patients for the hospital (A):

Equation 1:
$$B = \frac{C}{A} = \frac{450,000}{100} = 4,500$$

For the reference database, the average charge (E) is:

Equation 2:
$$E = \frac{F}{D} = \frac{32,300,000}{10,000} = 3,230$$

Where F is the total charge for the reference database and D is the total number of patients in the reference database.

Without severity adjustment, it appears that the hospital has an average charge in this APR-DRG that is \$1,270 higher than in the reference hospitals. A severity-adjusted expected average charge for the hospital can be computed as the product of the hospital count (case mix) and the average charge in the reference database using the following formula:

Equation 3:
$$G = \frac{H}{A} = \frac{562,000}{100} = 5,620$$

Where G is the severity-adjusted expected average charge for the hospital, H is the total expected charge for the hospital using the reference average charge, and A is the total number of patients for the hospital as shown in the table below.

Severity Level	Hospital Count	Average Reference Charge	Expected Total Reference Charge
1	10 x	\$1,200	\$12,000
2	20 x	\$2,500	\$50,000
3	40 x	\$5,000	\$200,000
4	30 x	\$10,000	\$300,000
APR-DRG Total	100 (A)	\$5,620 (G)	\$562,000 (H)

The hospital now has a severity-adjusted expected average that is \$1,120 (that is, \$5,620 - \$4,500) lower than would be expected based on its mix of patients. But it is not meaningful to compare expected values across hospitals. Therefore, if one hospital has a higher expected value than another hospital, no conclusion can be made about the comparative performance of the two hospitals. To directly compare the performance of two hospitals, a risk-adjusted value is calculated using the following formula:

Equation 4:
$$V = \frac{B}{G} \times R_v$$

Where V is the hospital's risk-adjusted value, B is the hospital's actual value as calculated in equation (1), G is the hospital's expected value as calculated in equation (3), and R_v is the reference database actual value, as calculated in equation (2). Substituting, we get:

Equation 5:
$$\frac{4,500}{5,620} \times 3,230 = 2,586$$

After severity adjustment, the hospital now has a risk-adjusted average charge that is \$644 (i.e., \$3,230 - \$2,586) lower than the average charge in the reference database. The expected value is

relative to the hospital's actual value while the risk-adjusted value is relative to the actual value in the reference database. The risk-adjusted value can be compared across hospitals. Thus if one hospital has a risk-adjusted average charge of \$5,000 and another hospital has a risk-adjusted average charge of \$4,000, then the two risk-adjusted amounts can be directly compared. In this case, the hospital with a risk-adjusted charge of \$5,000 has a risk-adjusted average that is 25% higher than the hospital with the risk-adjusted average charge of \$4,000.

Appendix B: Source Table for Quality Measures

Measure	Type of Measure	Measure Description	Source	Time Period	Comments/ Website
Heart Attack	Process	Does the hospital provide recommended care for the following measures: <ul style="list-style-type: none"> • Percent of heart attack patients given aspirin on arrival • Percent of patients given aspirin at discharge • Percent of patients given ACE Inhibitor or ARB for Left Ventricular Systolic Dysfunction (LVSD) • Percent of patients given smoking cessation advice/counseling • Percent of patients given beta blocker at discharge • Percent of patients given beta blocker on arrival (Note: MHQP recommends removing this measure) <ul style="list-style-type: none"> • Percent of patients given PCI within 90 minutes of arrival 	Hospital Compare	4/2007 - 3/2008	www.hospitalcompare.hhs.gov
Heart Failure	Process	Does the hospital provide recommended care for the following measures: <ul style="list-style-type: none"> • Percent of patients given discharge instructions • Percent of patients given evaluation of Left Ventricular Systolic Function (LVS) • Percent of patients given ACE Inhibitor or ARB for Left Ventricular Systolic Dysfunction (LVSD) • Percent of patients given smoking cessation advice/counseling 	Hospital Compare	4/2007 - 3/2008	www.hospitalcompare.hhs.gov
Pneumonia	Process	Does the hospital provide recommended care for the following measures: <ul style="list-style-type: none"> • Percent of patients given Oxygenation assessment • Percent of patients assessed and given pneumococcal vaccination • Percent of patients given initial antibiotic(s) within six hours after arrival • Percent of patients assessed and given influenza vaccination • Percent of patients whose initial ER blood culture was performed prior to the administration of the first hospital dose of antibiotics 	Hospital Compare	4/2007 - 3/2008	www.hospitalcompare.hhs.gov
Patient Hospital Rating	Patient Experience	Percentage of patients who gave the hospital the highest overall ratings based upon a random survey of inpatients	Hospital Compare	4/2007 - 3/2008	www.hospitalcompare.hhs.gov
Hip Replacement Mortality	Outcome	Risk-adjusted rate of mortality for partial or full hip replacement cases	Agency for Healthcare Research and Quality/HIDD	10/1/06 - 9/30/07	www.qualityindicators.ahrq.gov
Stroke Mortality	Outcome	Risk-adjusted rate of mortality for stroke cases	Agency for Healthcare Research and Quality/HIDD	10/1/06 - 9/30/07	www.qualityindicators.ahrq.gov
Hip Fracture Mortality	Outcome	Risk-adjusted rate of mortality for hip fracture cases	Agency for Healthcare Research and Quality/HIDD	10/1/06 - 9/30/07	www.qualityindicators.ahrq.gov
Bypass Surgery Mortality	Outcome	Risk-adjusted rate of mortality for heart bypass operations	Massachusetts Data Analysis Center (Mass-DAC)	10/1/06 - 9/30/07	www.massdac.org
Angioplasty Mortality	Outcome	Risk-adjusted rate of mortality for angioplasty operations	Massachusetts Data Analysis Center (Mass-DAC)	10/1/06 - 9/30/07	www.massdac.org
Weight Loss (Bariatric) Surgery ▲	Process	High-risk procedure where deaths could be avoided if Leapfrog standards were implemented	The Leapfrog Group	Surveys as of 12/31/08	www.leapfroggroup.org

Measure	Type of Measure	Measure Description	Source	Time Period	Comments/ Website
Use of Intensivists in ICU ▲	Patient Safety	Mortality rates are lower in hospitals with ICUs managed exclusively by board-certified intensivists (physicians trained in critical care medicine). Leapfrog standard requires hospitals to use intensivists for care management in all general medical, surgical and neuro ICUs for at least seven days a week, eight hours per day, with additional availability by pager within five minutes.	The Leapfrog Group	Surveys as of 12/31/08	www.leapfroggroup.org
Heart Valve Surgery Mortality Comparison	Patient Safety	Aortic valve mortality comparison with other hospitals in the nation.	The Leapfrog Group	Surveys as of 12/31/08	www.leapfroggroup.org
Aortic Valve Replacement High Risk Treatment ▲	Patient Safety	High-Risk procedure where deaths could be avoided if Leapfrog standards were implemented.	The Leapfrog Group	Surveys as of 12/31/08	www.leapfroggroup.org
Requires Staff to Use Computers (CPOE) ▲	Patient Safety	Computerized Prescriber Order-Entry (CPOE) are electronic prescribing systems that intercept errors when they most commonly occur - at the time medications are ordered.	The Leapfrog Group	Surveys as of 12/31/08	www.leapfroggroup.org
Reduce In-hospital injuries	Patient Safety	Measures the rate of hospital-acquired injuries. The rate is derived by dividing the number of discharges with the condition, which was not present on admission by the number of inpatient days.	The Leapfrog Group	Surveys as of 12/31/08	www.leapfroggroup.org
Reduce Pressure Ulcers	Patient Safety	Measures the rate of hospital-acquired ulcers. The rate is derived by dividing the number of discharges with the condition, which was not present on admission by the number of inpatient days.	The Leapfrog Group	Surveys as of 12/31/08	www.leapfroggroup.org
Patient Safety Composite Score	Patient Safety	The Leapfrog Safe Practices Score summarizes a hospital's adherence to 13 safety practices endorsed by the NQF, such as: maintaining a culture of safety, hand hygiene, nursing workforce and prevention of infections.	The Leapfrog Group	Surveys as of 12/31/08	www.leapfroggroup.org

▲ Leapfrog Evaluation Scores: Fully implemented: 4 stars, Good progress: 3 stars, Good early stage effort: 2 stars, Willing to report publicly: 1 star

Appendix C: Source Table for Cost Measures

Procedure	Type of Procedure	Source	What was provided	Claims Data Reporting Period
Angioplasty	Inpatient	Division of Health Care Finance and Policy Health Care Quality and Cost Council	Hospital discharge dataset Dataset for costs	July 2006 - June 2007
Back and Neck Procedures (Except Spinal Fusion)	Inpatient	Division of Health Care Finance and Policy Health Care Quality and Cost Council	Hospital discharge dataset Dataset for costs	July 2006 - June 2007
Cardiac Valve Surgery	Inpatient	Division of Health Care Finance and Policy Health Care Quality and Cost Council	Hospital discharge dataset Dataset for costs	July 2006 - June 2007
Cesarean Section	Inpatient	Division of Health Care Finance and Policy Health Care Quality and Cost Council	Hospital discharge dataset Dataset for costs	July 2006 - June 2007
Chronic Obstructive Pulmonary Disease	Inpatient	Division of Health Care Finance and Policy Health Care Quality and Cost Council	Hospital discharge dataset Dataset for costs	July 2006 - June 2007
Coronary Bypass Surgery	Inpatient	Division of Health Care Finance and Policy Health Care Quality and Cost Council Massachusetts Data Analysis Center	Hospital discharge dataset Dataset for costs Volume (number) of cases	July 2006 - June 2007
CT Scan of Abdomen with Contrast	Outpatient	Health Care Quality and Cost Council	Dataset for costs	July 2006 - June 2007
CT Scan of Abdomen without Contrast	Outpatient	Health Care Quality and Cost Council	Dataset for costs	July 2006 - June 2007
CT Scan of Chest with Contrast	Outpatient	Health Care Quality and Cost Council	Dataset for costs	July 2006 - June 2007
CT Scan of Chest without Contrast	Outpatient	Health Care Quality and Cost Council	Dataset for costs	July 2006 - June 2007
CT Scan of Head without Contrast	Outpatient	Health Care Quality and Cost Council	Dataset for costs	July 2006 - June 2007
Doppler Echocardiography	Outpatient	Health Care Quality and Cost Council	Dataset for costs	July 2006 - June 2007
Echocardiography with Image Documentation	Outpatient	Health Care Quality and Cost Council	Dataset for costs	July 2006 - June 2007
Gall Bladder	Inpatient	Division of Health Care Finance and Policy Health Care Quality and Cost Council	Hospital discharge dataset Dataset for costs	July 2006 - June 2007
Heart Attack	Inpatient	Division of Health Care Finance and Policy Health Care Quality and Cost Council	Hospital discharge dataset Dataset for costs	July 2006 - June 2007
Heart Failure	Inpatient	Division of Health Care Finance and Policy Health Care Quality and Cost Council	Hospital discharge dataset Dataset for costs	July 2006 - June 2007
Hip Fracture	Inpatient	Division of Health Care Finance and Policy Health Care Quality and Cost Council	Hospital discharge dataset Dataset for costs	July 2006 - June 2007
Hip Replacement	Inpatient	Division of Health Care Finance and Policy Health Care Quality and Cost Council	Hospital discharge dataset Dataset for costs	July 2006 - June 2007
Intestinal Surgery	Inpatient	Health Care Quality and Cost Council	Dataset for costs	July 2006 - June 2007
Knee Replacement	Inpatient	Division of Health Care Finance and Policy Health Care Quality and Cost Council	Hospital discharge dataset Dataset for costs	July 2006 - June 2007
Mammogram Screening	Outpatient	Health Care Quality and Cost Council	Dataset for costs	July 2006 - June 2007
MRI of Brain without Contrast	Outpatient	Health Care Quality and Cost Council	Dataset for costs	July 2006 - June 2007
MRI of Joint of Lower Extremity	Outpatient	Health Care Quality and Cost Council	Dataset for costs	July 2006 - June 2007
MRI of Lumbar Spine without Contrast	Outpatient	Health Care Quality and Cost Council	Dataset for costs	July 2006 - June 2007
Myocardial Perfusion Imaging	Outpatient	Health Care Quality and Cost Council	Dataset for costs	July 2006 - June 2007

Procedure	Type of Procedure	Source	What was provided	Claims Data Reporting Period
Normal Newborn	Inpatient	Division of Health Care Finance and Policy Health Care Quality and Cost Council The Leapfrog Group	Hospital discharge dataset Dataset for costs Dataset for high-risk deliveries and neonatal ICU	July 2006 - June 2007
Pneumonia	Inpatient	Division of Health Care Finance and Policy Health Care Quality and Cost Council	Hospital discharge dataset Dataset for costs	July 2006 - June 2007
Radiation Treatment 3 or More Areas (11-19 MeV)	Outpatient	Health Care Quality and Cost Council	Dataset for costs	July 2006 - June 2007
Radiation Treatment 3 or More Areas (6-10 MeV)	Outpatient	Health Care Quality and Cost Council	Dataset for costs	July 2006 - June 2007
Radiation Treatment Intensity Modulated (Per Session)	Outpatient	Health Care Quality and Cost Council	Dataset for costs	July 2006 - June 2007
Spinal Fusion	Inpatient	Division of Health Care Finance and Policy Health Care Quality and Cost Council	Hospital discharge dataset Dataset for costs	July 2006 - June 2007
Stroke	Inpatient	Division of Health Care Finance and Policy Health Care Quality and Cost Council	Hospital discharge dataset Dataset for costs	July 2006 - June 2007
Ultrasound (After First Trimester)	Outpatient	Health Care Quality and Cost Council	Dataset for costs	July 2006 - June 2007
Ultrasound (First Trimester)	Outpatient	Health Care Quality and Cost Council	Dataset for costs	July 2006 - June 2007
Vaginal Delivery	Inpatient	Division of Health Care Finance and Policy Health Care Quality and Cost Council	Hospital discharge dataset Dataset for costs	July 2006 - June 2007
Weight-Loss Surgery	Inpatient	Division of Health Care Finance and Policy Health Care Quality and Cost Council	Hospital discharge dataset Dataset for costs	July 2006 - June 2007
X-Ray of Chest	Outpatient	Health Care Quality and Cost Council	Dataset for costs	July 2006 - June 2007

Appendix D: Detailed Measure Names

Inpatient Measure Short Name	Inpatient Measure Long Name
Angioplasty	Angioplasty
Back and Neck Procedures (Except Spinal Fusion)	Back and neck procedures except spinal fusion
Cardiac Valve Surgery	Heart Valve Surgery: cardiac valve surgery only
Cesarean Section	Cesarean Section
COPD	Chronic Obstructive Pulmonary Disease
Coronary Bypass Surgery	Bypass Surgery: coronary bypass only
Gall Bladder	Gall Bladder
Heart Attack	Heart Attack
Heart Failure	Heart Failure
Hip Fracture	Hip Fracture
Hip Replacement	Hip Replacement
Intestinal Surgery	Intestinal Surgery
Knee Replacement	Knee Replacement
Normal Newborn	Normal Newborn
Pneumonia	Pneumonia
Spinal Fusion	Back Procedures: spinal fusion
Stroke	Stroke
Vaginal Delivery	Vaginal Delivery
Weight Loss Surgery	Weight Loss surgery
Outpatient Measure Short Name	Outpatient Measure Long Name
CT Scan of Abdomen w Contrast	CT Scan of Abdomen with Contrast
CT Scan of Abdomen w/o Contrast	CT Scan of Abdomen without Contrast
CT Scan of Chest w Contrast	CT Scan of Chest with Contrast
CT Scan of Chest w/o Contrast	CT Scan of Chest without Contrast
CT Scan of Head w/o Contrast	CT Scan of Head without Contrast
Doppler Echocardiography	Cardiac Testing - Doppler Echocardiography
Echocardiography w Image Documentation	Cardiac Testing - Echocardiography, Transthoracic, real-time with image documentation, complete
Mammogram Screening	Mammogram Screening Mammography
MRI of Brain w/o Contrast	MRI of Brain Without Contrast
MRI of Joint of Lower Extremity	MRI of Joint of Lower Extremity
MRI of Lumbar Spine w/o Contrast	MRI of Lumbar Spine Without Contrast
Myocardial Perfusion Imaging	Cardiac Testing - Myocardial Perfusion Imaging
Radiation Treatment: 3 or More Areas (11-19 MeV)	Radiation Treatment delivery, 3 or more separate treatment areas, custom blocking, tangential ports, wedges, rotational beam, compensators, electron beam: 11-19 MeV
Radiation Treatment: 3 or More Areas (6-10 MeV)	Radiation Treatment delivery, 3 or more separate treatment areas, custom blocking, tangential ports, wedges, rotational beam, compensators, electron beam: 6-10 MeV
Radiation Treatment: Intensity Modulated (Per Session)	Radiation Treatment delivery: Intensity modulated, single or multiple fields/arcs, via narrow spatially and temporally modulated beams, binary, dynamic MLC, per treatment session
Ultrasound (After First Trimester)	Ultrasound, pregnant uterus, after first trimester
Ultrasound (First Trimester)	Ultrasound, pregnant uterus, first trimester
X-Ray of Chest	X-ray Radiologic Exam of Chest, two views, frontal and lateral

Appendix E: Glossary

129 CMR 2.0 - The Massachusetts Health Care Quality and Cost Council regulation that addresses uniform reporting system for health care claims data sets.

15th Percentile Cost Value - In an array of hospital cost data, the amount at which 85 percent of all cost values will be higher.

85th Percentile Cost Value - In an array of hospital cost data, the amount at which 15 percent of all cost values will be lower.

Agency for Healthcare Research and Quality (AHRQ) - An agency within the United States Department of Health and Human Services that supports research to improve the quality, safety, efficiency and effectiveness of health care for all Americans.

All Patient Refined-Diagnosis Related Group (APR-DRG) - Patient classification system that provides a means of relating the type of patients a hospital treats to the costs incurred by the hospital. Unlike a basic diagnosis related group, an APR-DRG takes into account non-Medicare populations as well as severity of illness subclasses when classifying patients.

Centers for Medicare and Medicaid Services (CMS) - An agency within the United States Department of Health and Human Services responsible for ensuring effective, up-to-date health care coverage and promoting quality care for beneficiaries.

Chronic Obstructive Pulmonary Disease (COPD) - A disease that makes it hard for the patient to breathe due to chronic obstruction of the flow of air through the airways and out of the lungs. It may cause coughing that produces large amounts of mucus and tightness of the chest.

Commercial Health Plan Claims - Data analyzed for this project included claims from six carriers for Massachusetts residents under age 65 who were enrolled in fully-insured and self-insured commercial products between July 1, 2006 and June 30, 2007 (approximately 2.8 million covered individuals).

Computerized Prescriber Order-Entry (CPOE) - A patient safety standard developed by The Leapfrog Group to ensure that prescribers enter hospital medication orders through a computer system to reduce errors.

Cost - The total amount paid to the hospital, including insurance carrier's payment, patient co-pay, patient deductible, and patient co-insurance.

Cost Measure - The amount paid to a hospital, equal to the sum of payments from the health plan and the amount due from the patient.

Cost Rating - An indicator of how a hospital's cost for a particular procedure compares to other hospitals.

Diagnosis Related Group (DRG) - A patient classification system that provides a means of relating the type of patients a hospital treats to the costs incurred by the hospital.

Division of Health Care Finance and Policy (DHCFP) - An agency within the Massachusetts Executive Office of Health and Human Services. The agency's responsibilities include monitoring and reporting on the progress of health care reform, as well as analyzing cost trends and cost containment options in Massachusetts.

Health Care Quality and Cost Council (HCQCC) - A body mandated under Chapter 6A of Massachusetts General Law responsible for implementing measures to lower or contain growth in health care costs while improving the quality of care.

Hospital Case Mix - The type of patients a hospital treats.

Hospital Inpatient Discharge Data (HIDD) – The DHCFP database that contains comprehensive patient-level information including socio-demographics, clinical data, and charge data.

Hospital Compare – A tool provided by the Centers for Medicare and Medicaid Services (United States Department of Health and Human Services) and other members of the Health Quality Alliance. Hospital Compare provides information on how well hospitals care for patients with certain conditions or surgical procedures.

Hospital Consumer Assessment of Healthcare Providers and Systems (HCHAPS) – A national, standardized survey of recently discharged hospital patients that measures important aspects of their hospital experience.

Hospital Count - In a hospital's case mix, the number of patients who can be categorized into a particular severity level based on the degree of illness.

Hospital Risk-Adjusted Rate - The median amount paid for an inpatient stay after adjusting for the relative severity of the patient's illness, as measured by their reported diagnoses and the procedures provided while in the hospital. Risk-adjustment of hospital cost values ensures fair and direct comparison of hospital costs.

Inpatient Procedure - Service provided to patients admitted to a hospital that includes room and board, nursing services, diagnostic or therapeutic services, and medical or surgical devices.

Intensivist - Board-certified physicians who are additionally certified in a particular subspecialty of critical care medicine.

Leapfrog Group, The – A voluntary program that uses research and recognition programs to improve safety, quality and value in health care. The group also advocates for transparency and access to health care information.

Massachusetts Data Analysis Center (Mass-DAC) - A Department of Public Health data-coordinating center located within Harvard Medical School of Health Care Policy. Mass-DAC monitors and validates patient specific outcome data for all hospitals in the Commonwealth of Massachusetts.

Median Cost Value - In an array of hospital cost data, the amount at which 50 percent of all cost values will be higher and 50 percent of all cost value will be lower.

Mortality Rate - The number of patients who die as a result of undergoing a particular procedure or treatment at a hospital.

MyHealthCareOptions – The Massachusetts Health Care Quality and Cost Council’s website that serves as a health care resource for consumers looking for help to learn about the quality and cost of health care in Massachusetts.

National Quality Forum (NQF) - A nonprofit organization that aims to improve the quality of health care by setting national priorities and goals for performance improvement; endorsing national consensus standards for measuring and publicly reporting on performance; and promoting the attainment of national goals through education and outreach programs.

Never Events Program - The Leapfrog Group program that monitors how hospitals respond to instances of the 28 Never Events, or “serious reportable events,” identified by the National Quality Forum. The program gives public recognition to hospitals that agree to follow certain action steps if a never event occurs within their facility.

Outcome Measure - An indicator that shows what happened after patients with certain conditions received care.

Outpatient Procedure - Services provided to a patient who visits a hospital, clinic, or other health facility for diagnosis or treatment, but for which the patient is not admitted to stay at the hospital.

Patient Experience Survey - A national, standardized survey of hospital patients about their experiences during a recent inpatient hospital stay.

Patient Safety Score - A measure of how hospitals reduce the risk of harm in certain processes, systems, or environments of care. Patient safety scores are provided by The Leapfrog Group and are based on 30 safe practices endorsed by the National Quality Forum.

Percutaneous Coronary Intervention (PCI) - A procedure, such as angioplasty, effective for opening blocked blood vessels.

Pneumonia - Inflammation of the lungs caused by a viral or bacterial infection.

Process of Care Measure - An indicator of how often hospitals deliver recommended treatment for patients with certain medical conditions or surgical procedures.

Quality Measure - An indicator of how well a hospital has performed on a single item, such as the percentage of patients who survived after a surgical procedure, or against a set of criteria, such as following certain guidelines during treatment.

Quality Rating - An indicator of how a hospital compares to other providers for a particular quality measure.

Reference Average Charge - The mean cost for all patients in a Reference Database at the same Severity Level.

Reference Count - In a Reference Database, the number of patients categorized into the same Severity Level.

Reference Database – A database containing aggregated information for all hospitals in the state, and against which information for individual hospitals is compared.

Resource Use Measure - The relative volume and types of diagnostic, therapeutic and bed resources consumed in the management of a particular illness.

Risk of Mortality - The likelihood of a patient dying.

Severity Adjustment - The process of standardizing a hospital's cost to account for the intensity of a patient's illness. Since some hospitals treat more seriously ill patients than others, adjusting for severity provides a more meaningful comparison of hospital cost and quality performance measures.

Severity Level - A statistical analysis of a patient's degree of illness based on the procedure and diagnosis codes reported in the claims data provided to the Massachusetts Health Care Quality and Cost Council.

Acknowledgements

The Division would like to thank Robert Seifert, University of Massachusetts Center for Health Law and Economics, for his work on assessing the strength of the data for summary analysis.

Contributing Staff: Michael Cheung, Frederick Duah, Linda Green, Kate Nordahl, Marj Radin, Nga Vuong, and Alan Woo

Editing, Design, and Publication: Harry O. Lohr, Jr., Emily O'Brien, Heather Shannon, and Rick Vogel

Division of Health Care Finance and Policy
Two Boylston Street
Boston, Massachusetts 02116
Phone: (617) 988-3100
Fax: (617) 727-7662
Website: www.mass.gov/dhcfp

Publication Number: 10-310-HCF-01
Authorized by Ellen Bickelman, State Purchasing Agent

Printed on Recycled Paper